

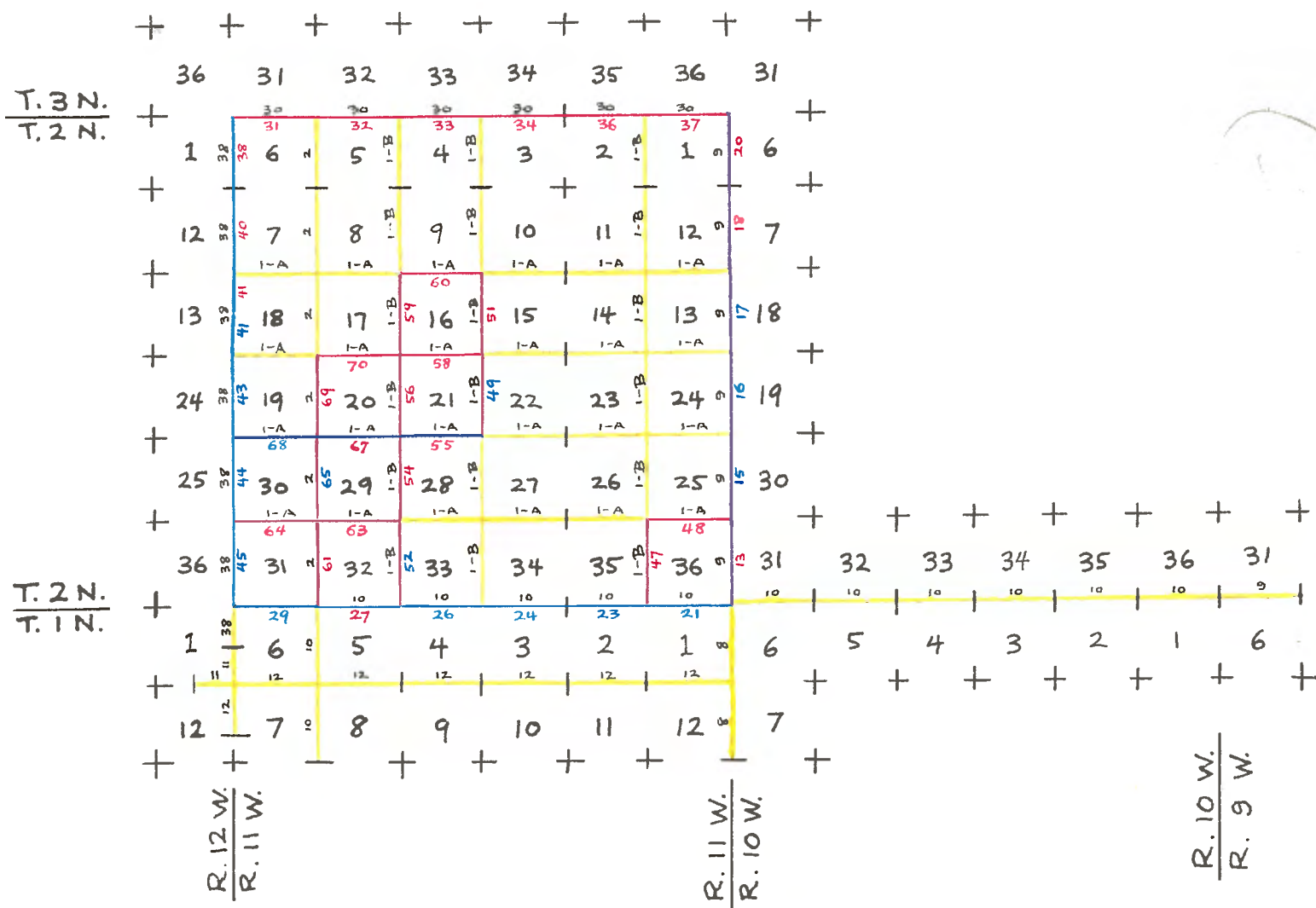
FIELD NOTES OF T. 2 N., R. 11 W

COPY OF

C E R T I F I E D C O P Y

INDEX DIAGRAM

TOWNSHIP 2 NORTH, RANGE 11 W



LINES RESURVEYED BY D. R. AVERILL

LINES RESURVEYED BY R.F. WILSON

DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

Public Survey Office
San Francisco, California.

April 17th, 1929.

I, FRANK E. BARKER, Office Cadastral Engineer,
do hereby certify that the annexed transcript of field
notes of the Resurvey of the North and East Boundaries,
Resurvey and Survey of the South and West Boundaries,
and Resurvey and Survey of a Portion of the Subdivisions
of T.2 N., R.11 W., San Bernardino Meridian, executed
by Dupree R. Averill, U.S. Surveyor and Roger F. Wilson,
U.S. Transitman, under Special Instructions dated Nov 13,
1926 and Assignment Instructions dated November 4, 1926,
is a true and literal exemplification of said field notes
as they remain on file and of record in this office.

FRANK E. BARKER (Signed)
Office Cadastral Engineer
for California.

Book A.
FIELD NOTES
OF THE RESURVEY OF THE

North and East Boundaries,
Resurvey and Survey of the South and West Boundaries,
and
Resurvey and Survey of a Portion of the
Subdivisions of T.2 N., R.11 W.

Of the San Bernardino Meridian, in the State of
California

EXECUTED BY

Dupree R. Averill, U.S. Surveyor,
and

Roger F. Wilson, U.S. Transitman,

In the capacity of U. S. Surveyors, under Special Instructions dated November 13, 1926, issued by the District Cadastral Engineer to govern surveys included in Group No.165, which were approved by the Commissioner of the General Land Office, December 6, 1926, and Assignment Instructions dated November 4, 1926.

Survey commenced November 10, 1926.

Survey completed September 24, 1927.

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Chains.

From the cor. of secs. 25,30,31 and 36, on E.bdy of Tp.
West on a random line bet. secs. 25-36, 26-35, 27-34, 28-33 and 29-32, searching at record distances for orig. cors. without success, and setting temp. cors. at such record distances.

402.81 Record distance; set temp. cor. of secs. 29,30,31 and 32.

442.81 No trace of $\frac{1}{4}$ sec. cor. bet. secs. 30 and 31.
Set temp. cor.

From the cor. of secs. 19,24,25 and 30, on E.bdy of Tp.
West on a random line bet. secs. 24-25, 23-26, 22-27, 21-28, 20-29 and 19-30, searching at record distances for original cors., without success, and setting temp. cors. at such record distances.

478.98 Fall 4.69 chs. N. of the cor. of secs. 19 and 30, only, on W.bdy of Tp.

From the cor. of secs. 13,18,19 and 24, on E.bdy of Tp.
West on a random line bet. secs. 13-24,14-23, 15-22, 16-21, 17-20 and 18-19, searching at record distances for orig. cors., without success, and setting temp. cors. at such record distances.

477.16 Fall 4.53 chs. N. of the cor. of secs. 18 and 19, only, on W. bdy of Tp.

From the cor. of secs. 7,12,13 and 18, on E. bdy of Tp.
West on a random line bet. secs. 12-13, 11-14, 10-15, 9-16, 8-17 and 7-18, searching at record distances for orig.cors., without success, and setting temp. cors, at such record distances.

475.26 Fall 4.58 chs. N. of the cor. of secs. 7 and 18, only, on W.bdy of Tp.

Chains

From the cor. of secs. 1,2,35 and 36, on S.bdy of Tp.
North on a random line bet. secs. 35-36, 25-26, 23-24,
13-14, 11-12 and 1-2, searching at record distances for
orig.cors., without success, and setting temp. $\frac{1}{4}$ sec.
cors. only, at their record distances.

- 81.05 Fall 66 lks. E. of the temp.cor. of secs. 25,26,35 and 36.
482.90 Fall 282 lks. W. of the cor. of secs. 1,2,35 and 36, on
N.bdy of Tp.

From the cor. of secs. 3,4,33 and 34, on S.bdy of Tp.
North on a random line bet. secs. 33-34, 27-28, 21-22,
15-16, 9-10 and 3-4, searching at record distances for
orig. cors. without success and setting temp. $\frac{1}{4}$ sec.
cors. only, at their record distances.

- 123.50 Santa Anita-San Gabriel Divide, bears E. and W.
163.09 Fall 1.91 chs. E. of the temp. cor. of secs. 21-22, 27
and 28.
243.35 Fall .68 chs. E. of the temp. cor. of secs. 15,16,21
and 22.
323.74 Fall 1.57 chs. E. of the temp. cor. of secs. 9,10,15
and 16.
482.01 Fall 7.88 chs. W. of the cor. of secs. 3,4,33 and 34, on
N.bdy of Tp.

From the cor. of secs. 4,5, 32 and 33, on S.bdy of Tp.
North on a random line bet. secs. 32-33, 28-29, 20-21,
16-17, 8-9 and 4-5, searching at record distances for
orig.cors. without success, and setting temp. $\frac{1}{4}$ sec.
cors. only, at their record distances.

- 82.94 Fall 2.50 chs. E. of the temp. cor. of secs. 28,29,32
and 33.
163.52 Fall 2.42 chs. E. of the temp. cor. of secs. 20,21,28
and 29.
244.00 Fall .89 chs. E. of the temp. cor. of secs. 16,17,20
and 21.

Chains

324.48 Fall 2.36 chs. E. of the temp. cor. of secs. 8, 9, 16
and 17.

482.38 Fall 8.17 chs. W. of the cor. of secs. 4, 5, 32 and 33
on N.bdy of Tp.

From the cor. of secs. 5, 6, 31 and 32, on S.bdy of Tp.
North on a random line bet. secs. 31-32, 29-30, 19-20,
17-18, 7-8 and 5-6, searching at record distances for
original cors. without success, and setting temp. $\frac{1}{4}$ sec.
cors. only, at their record distances.

83.86 Fall 3.08 chs. E. of the temp. cor. of secs. 29, 30, 31 and
32.

164.58 Fall 2.26 chs. E. of the temp. cor. of secs. 19, 20, 29 and
30.

245.16 Fall .88 chs. E. of the temp. cor. of secs. 17, 18, 19 and
20.

482.58 Fall 8.52 chs. W. of the cor. of secs. 5, 6, 31 and 32,
on N.bdy of Tp.

Survey commenced November 10, 1926, by Roger F. Wilson, U.S. Transitman, with Buff & Buff transit No. 9223, and November 14, 1926, by Dupree R. Averill, U.S. Surveyor, with Buff & Buff transit Nos. 9984 and 17992, equipped with Smith solar attachments. The horizontal limbs are provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instruments were approved, subject to the usual field tests, by the District Cadastral Engineer for the State of California, November 4, 1926.

Preliminary test by Roger F. Wilson, of Buff & Buff transit No. 9223.

I examine the adjustments of the transit and correct the level and collimation errors; then, to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations on Polaris, I proceed as follows:

November 10, 1926, at camp. in section 14, T.2 N., R.12 W., S.B.M., latitude $34^{\circ}16'N.$, longitude $118^{\circ}06'W.$ at 4h.17m. a.m., l.m.t. I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, on a stake driven in the ground, 5.00 chains north.

Azimuth of Polaris at western elongation is $1^{\circ}19'.$

At 7h. 30m. a.m., I lay off the azimuth of Polaris, $1^{\circ}19'$ to the east and mark the meridian thus determined by a nail in a stake driven firmly in the ground, 5.00 chs. N.

Chains.

At 9h. 0m. a.m., app't, I set off $34^{\circ}16'N.$ on the latitude arc, $17^{\circ}2'S.$ on the declination arc. and determine a meridian with the solar.

At app. noon, with the latitude arc unchanged, I observe the sun on the meridian, the resulting reading of the declination arc is $17^{\circ}5'S.$, which agrees with the computed declination.

At 3h 0m p.m., App't, with latitude arc unchanged, I set off $17^{\circ}7'S.$ on the declination arc and determine a meridian with the solar.

As all solar observations during the usual hours of solar work come within $1'30''$ of the true meridian, I conclude that the adjustments of the transit are satisfactory.

November 10, 1926.

Preliminary test by Dupree R. Averill of Buff & Buff
Transits Nos. 9954 and 17992.

November 14, 1926: I examine the adjustments of the transits and correct the level and collimation errors; then, to test the solar apparatus, by comparing their indications resulting from solar observations made during a.m. and p.m. hours with the meridian determined by observations on Polaris, I proceed as follows:

At 3h 0m. p.m., app't, on the meridian determined by Roger F. Wilson, hereinbefore described, I set off $34^{\circ}16'N.$ on the latitude arcs, $18^{\circ}12'S.$ on the declination arcs and determine meridians with the solars.

November 14, 1926.

November 15, 1926: At 9h. 0m. a.m., app't, with latitude arcs unchanged, I set off $18^{\circ}23'.5S.$ on the declination arcs and determine meridians with the solars. At app. noon, with latitude arcs unchanged, I observe the sun on the meridian, the resultant readings of the

declination arcs are $15^{\circ}26'S.$, which agree with the computed declination.

As all solar observations during the usual hours of solar work come within $1'30''$ of the true meridian, I conclude that the adjustments of the transits are satisfactory.

November 15, 1926.

Final Tests.

February 26, 1927: at camp in SW. $\frac{1}{4}$ sec. 29, T. 2 N. R. 11 W. S.B.M., latitude $34^{\circ}14'N.$ longitude $118^{\circ}04'W.$

At 9h. 08m. p.m., l.m.t., we observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined on a stake driven firmly in the ground, 5.00 chains north.

Azimuth of Polaris at western elongation is $1^{\circ}18'40''$

February 26, 1927.

February 27, 1927; - At 7h. 30m. a.m., we lay off the azimuth of Polaris, $1^{\circ}18'40''$ to the east and mark the meridian thus determined by a nail in a stake driven firmly in the ground, 5.00 chains north.

At 9h 0m a.m. app.t, we set off $34^{\circ}14'N.$ on the latitude arcs. $8^{\circ}30'.5 S.$ on the declination arcs and determine meridians with the solars.

At app. noon, with latitude arcs unchanged, we observed the sun on the meridian, the resulting readings to the declination arcs are $8^{\circ}28'S.$ which agree with the computed declination.

At 3h 0m p.m., app.t with latitude arcs unchanged, we set off $8^{\circ}25'S.$ on the declination arcs and determine meridians with the solars.

As all solar observations during the usual hours of solar work come within $1'30''$ of the true meridian, we conclude that the instruments have been maintained in proper adjustment.

Chains

Survey continued August 24, 1927, by Dupree R. Averill, U.S. Surveyor, and Roger F. Wilson, U.S. Transitman, with Buff & Buff transits Nos. 17992 and 9984, equipped with Smith solar attachments. The horizontal limbs are provided with two double verniers placed opposite to each other and reading to single minutes of arc. which is also the least count of the verniers of the latitude and declination arcs.

The instruments were approved, subject to the usual field tests, by the District Cadastral Engineer for the State of California, August 20, 1927.

Preliminary Tests.

We examine the adjustments of the transits and correct the level and collimation errors, then, to test the solar apparatus, by comparing their indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, we proceed as follows:

August 24, 1927: At camp in the SE. $\frac{1}{4}$ sec. 1, T. 1 N., R. 12 W. S.B.M., latitude $34^{\circ}12'N.$, longitude $118^{\circ}05'W.$ at 6h. 53m p.m., l.m.t. we make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from the flag pole on lookout station on San Gabriel Peak, about 4 miles N. in the direction W-N to Polaris.

Watch set in correct 120th meridian standard time.

Watch time of obsn., the mean of four readings is 7h 0m 40s p.m.

Mean horizontal angle from Polaris to flag is $12^{\circ}40'N-W.$

Azimuth of Polaris is 1 01 E.

True bearing of reference point is N. $11^{\circ}39'W.$

August 24, 1927.

August 25, 1927: At 9h. 0m. a.m., app.t, we set off

Chains

34°12'N. on the latitude arcs., 10°58'N. on the declination arcs and determine meridians with the solars.

At app. noon, with the latitude arcs unchanged, we observe the sun on the meridian, the resultant readings of the declination arcs are 10°56'N., which agrees with the computed declination.

At 3h 0m p.m., app. t with latitude arcs unchanged, we set off 10°54'N. on the declination arcs and determine meridians with the solars.

As all solar observations during the usual hours of solar work come within 1'30" of the true meridian, we conclude the adjustments of the transits are satisfactory.

August 25, 1927.

Final Tests.

September 21, 1927: at our station in the SW. $\frac{1}{4}$ sec. 29 T. 2 N., R. 11 W., S.B.M., in latitude 34°14'N., and longitude 118°04'W. on the meridian, established February 26, 1927, and heretofore described.

At 9h. 0m. a.m., app. t we set off 34°14'N. on the latitude arcs, 0°56'N. on the declination arcs and determine meridians with the solars.

At app. noon, with latitude arcs. unchanged, we observe the sun on the meridian, the resultant readings of the declination arcs are 0°53'N., which agree with the computed declination.

At 3h 0m. p.m. app. t, with latitude arcs unchanged, we set off 0°50'N. on the declination arcs and determine meridians with the solars.

As all solar observations during the usual hours of solar work come within 1'30" of the true meridian, we conclude the instruments have been maintained in proper adjustment.

September 21, 1927.

Chains.

Unless otherwise specified all measurements are made with Lallie steel tapes, 5 chains in length, compared with a standard tape and found correct. The measurements are made on the slope, the vertical angles determined with Dietzgen clinometers or transit, and the slope measurements properly reduced to true horizontal distances for entry in the field notes.

Dependent Resurvey of the East Boundary of T.2 N., R.11 W.

The cor. of secs. 7, 12, 13 and 18, T.1 N., Rs. 10 and 11 W. is an iron pipe 1 ft. above ground, in a mound of stone 2 ft. base and 1 ft. high, unmarked. This cor. was set by Legrand Friel, a local surveyor in Los Angeles County, who informed me he had found the original stake, badly decayed, and the dilapidated mound of stone at this point. In place of pipe, set an iron post, 3 ft. long, 2 ins. diam. 24 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, T.1 N., Rs. 10 and 11 W., with brass cap marked,

T 1 N	
R 11 W	R 10 W
8 12	8 7
8 13	8 18
1927	

and rebuild the mound

of stone, 2 ft. base, and $1\frac{1}{2}$ ft. high west of cor.

A cross (X) marked on rock outcrop 4 ft. diam. and 6 ins. above ground bears N. 86° E. 22 lks. dist. Orig. B.O.

Thence North on a random line bet. secs. 7 and 12, and 1 and 6, T.1 N., Rs. 10 and 11 W., searching for orig. cors. at record distances, without success, and setting temp. cors. at such record distances.

160.00 Set temp. cor. of Ts. 1 and 2 N., Rs. 10 and 11 W.

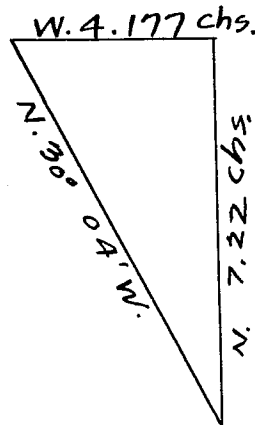
Thence, North on a random line bet. Rs. 10 and 11 W.

T.2 N., searching for orig. cors. at record distances, without success, and setting temp. cors. at such record distances.

Chains.

168.46 Triangulate over precipitous bluff on N. side of West Fork of San Gabriel River; vertical angle to flag on random line - $+ 33\frac{1}{2}^\circ$; auxiliary flag bears N. $30^\circ 04' W.$, from flag on random line, the auxiliary flag bears west, 4.177 chs. dist., all bearings checked by direct reading of the solar and all angles checked by deflection.

Dist. on random line
Dist by triangulation



168.46 chs.
7.22 chs.

175.68

175.68 Top of precipitous bluff.

483.91 Fall 6.21 chs. E. of the cor. of Ts. 2 and 3 N., Rs. 10 and 11 W., hereinafter described.

Retracement to Reestablish South and East Boundaries
of T. 2 N., R. 11 W.

The cor. of secs. 5, 6, 31 and 32, Ts. 1 and 2 N., R. 9 W. is a bronze cap set in a block of concrete 12 ins. diam. and 6 ins. above ground, marked

COUNTY SURVEYOR
T 2 N | R 9 W
8 31 | 8 32
8 6 | 8 5

MONUMENT
19

This cor. was set by the Engineering Department of the City of Pasadena at the point for cor. as identified by remains of orig. post and dilapidated mound of stone. Thence, West on a random line bet. secs. 6 and 31, Ts. 1 and 2 N., R. 9 W.

40.00 Find no trace of $\frac{1}{4}$ sec. cor. Set temp. cor.

80.21 Find no trace of cor. of Ts. 1 and 2 N., Rs. 9 and 10 W. Set temp. cor.

Thence, West on a random line bet. Ts. 1 and 2 N., R. 10 W. searching for orig. cors. at record distances, without

Chains.

success, and setting temp. cors. at such record distances.

476.68 Fall 1.02 chs. S. of the temp. cor. of Ts.1 and 2 N.,
Rs.10 and 11 W.

From a point 0.69 chs. N. and 4.65 chs. W. of the temp.
cor. of Ts.1 and 2 N., Rs.10 and 11 W. which point is
proportionate in latitude bet. the orig.cor. of Ts.2 and
3 N.,Rs.10 and 11 W. and the cor. of secs.7,12,13 and
18, T.1 N., Rs.10 and 11 W. and record dist. in depart-
ure from the cor. of secs. 5,6, 31 and 32, Ts.1 and 2 N.
R.9 W.

West on a random line bet. Ts.1 and 2 N., R.11 W. searching
for orig.cors. at record distances, without success,
and setting temp. cors at such record distances.

400.91 Set temp. cor. of secs. 5, 6, 31 and 32.

Thence, South on a random line bet. secs. 5 and 6, T.1 N.
R.11 W.

40.00 Find no trace of $\frac{1}{2}$ sec. cor. Set temp. cor.

80.00 Find no trace of cor. of secs. 5, 6, 7 and 8, set temp.
cor. and continue random line south bet.secs. 7 and 8.

120.00 Find no trace of $\frac{1}{4}$ sec.cor. Set temp. cor.

163.16 Fall 1.36 chs. W. of the cor. of secs. 7,8,17 and 18,
which is an iron pipe 2 ins. diam. 30 ins. above ground,
in the original mound of stone, 2 ft.base and 1 ft.high.
This cor. was set by Buck & Hayes, local surveyors, July
3, 1926, at the true point for cor. as identified by re-
mains of old post and the dilapidated mound of stone.
To further identify the above cor. I run S.bet.secs. 17
and 18, for $\frac{1}{2}$ mile and W. bet. secs. 7 and 18, finding
restored original cors. at proper distances and check-
ing the orig. topographical calls.

Alongside of the iron post, set an iron post 3 ft. long,
2 ins. diam. 27 ins. in the ground, for cor. of secs.
7,8,17 and 18, T.1 N., R.11 W. with brass cap marked

chains.

T 1 N	R 11 W
S 7	S 8
S 18	S 17

1927

and rebuild the mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

The cor., of secs. 1, 6, 7 and 12, T 1 N., Rs. 11 and 12 W. is an iron post 4 ins. sq., 16 ins. above ground, filled with concrete and marked

SGFR 18 T 1 N S 6 on NE. side,
R 11 W S 7 on SE. side
R 12 W S 12 on SW. side, and
S 1 on NW. side.

This cor. was set by Lewis H. Cutting, Deputy Surveyor, in 1896. As the Cutting notes give this as a wit. cor. set at 11.00 chs. W. of true point for cor. and the evidence makes it appear to be set at the true point for cor.

I make retracements therefrom as follows:

West on a random line bet. secs. 1 and 12.

Asc. 20 ft., thru dense underbrush.

3.90 Small spur, slopes S. (The Cutting record calls for a spur at 5.00 chs. W. of true point for cor.) Desc. 250 ft.

11.00 Find no trace of Wit. cor. to cor. of secs. 1, 6, 7 and 12, T. 1 N., Rs. 11 and 12 W.

Return to the cor. of secs. 1, 6, 7 and 12, T. 1 N., Rs. 11 and 12 W.

Thence, W. on a random line bet. secs. 1 and 6.

Asc. 416 ft. over S. slope, thru dense underbrush.

11.36 Fire break on ridge, bears E. and W. (Tatum notes; at 12.90, top of spur about 500 ft. above sec. cor. brs. W.) Desc. 1240 ft. over broken NW. slope.

16.00 Half-way (Schneider) house brs. E. 12 chs. dist.

21.00 Road, bears NE. to Mt. Wilson and SW. to cities.

29.00 Gulch, course W., asc. 570 ft.

39.40 Fall 4 lks. E. of the $\frac{1}{4}$ sec. cor. a granite stone, 20 x 10 x 4 ins., on the ground, marked $\frac{1}{4}$ on one face and witnessed

Chains.

by a mound of stone 2 ft. base, 2 ft. high W. of cor.

Return to the cor. of secs. 1, 6, 7 and 12, T.1 N., R.11 and 12 W.

Thence, S. on a random line bet. secs. 7 and 12.

- 42.00 Fall 3 lks. W. of the $\frac{1}{4}$ sec. cor. which is rotted oak post 3 ins. sq., 2 ft. above a mound of stone 3 ft. base, $1\frac{1}{2}$ ft. high. Restored by County Surveyors, with a brass plate set in concrete base 6 ins. diam. 3 ft. above grd. alongside of old post and marked

COUNTY SURVEYOR
S12 S 7
 $\frac{1}{4}$ sec. cor.
MONUMENT

Thence, N.0°3'W. on true line bet. secs. 7 and 12.

Cor. falls on ridge-spur, slopes SW.

Asc. 890 ft. over SW. slope, thru dense brush.

- 20.86 Intersect an iron post, 2 ins. diam. 2 ft. above ground, unmarked, on spur sloping SW.

- 31.92 Intersect a redwood post, 4 ins. sq., 3 ft. above ground unmarked, on spur slopes SW. Desc. 130 ft.

- 37.00 Head of gulch, course SW., ascend 250 ft.

- 42.00 The cor. of secs. 1, 6, 7 and 12.

Thence, East on a random line bet. secs. 6 and 7, 5 and 8, 4 and 9, 3 and 10, 2 and 11, and $W\frac{1}{2}$ bet. secs. 1 and 12, searching for cors. at record distances, without success, and setting temp. cors. at such record distances. Over rough, mountainous country, thru heavy brush.

Asc. 43 ft. over SW. slope.

- 4.20 Small spur, slopes S., desc. 20 ft.

- 6.00 Gully, course S.W., asc. 200 ft.

- 10.00 Ridge-spur. Slopes S.30°W.

- 10.04 A Forest Service Boundary post 4 ins. sq. 6 ft. above ground, unmarked, except for boundary sign at top.

- 11.00 Falls on easy S. slope. Find no trace of orig. cor. of secs. 1, 6, 7 and 12, as called for in Cutting notes.

80.20 Fall 4.62 chs. S. of the temp. cor. of secs. 5,6,7 and 8.

Dependent Resurvey of the East Boundary
of T.2 N., R.11 W.

Reestablishment of the surveys executed by W.H. Norway,
D.S. in 1875, and G.W. Pearson, Deputy Surveyor, in 1884.

At a point 0.69 chs. N. and 3.68 chs. W. of the temp. cor.
of Ts.1 and 2 N., Rs.10 and 11 W., which point is pro-
portionate in latitude bet. the cor. of secs. 7,12,13
and 18, T.1 N., R.10 and 11 W. and the cor. of Ts.2 and
3 N., Rs.10 and 11 W. and proportionate in departure bet.
the cor. of secs. 5,6, 31 and 32, Ts.1 and 2 N., R.9 W.
and the cor. of secs. 1,6,7 and 12, T.1 N., Rs.11 and
12 W.

Set an iron post 3 ft. long, 3 ins. diam. 32 ins. in the
ground for cor. of Ts.1 and 2 N. Rs.10 and 11 W., with
brass cap marked

	T 2 N	
R 11 W		R 10 W.
S 36		S 31
S 1		S 6
	T 1 N	
	1927	

From which

An oak 18 ins. diam. bears N.3°E. 92 lks. dist.
marked T 2 N R 10 W S 31 B T.

An oak 8 ins. diam. bears S.78°E. 53 lks. dist.
marked T 1 N R 10 W S 6 B T.

A spruce 28 ins. diam. bears S.66½°W. 138 lks. dist.
marked T 1 N R 11 W S 1 B T.

A spruce 18 ins. diam. bears N.39½°W. 204 lks. dist.
marked T 2 N R 11 W S 36 B T.

Thence, N.0°13'W. on true line bet. secs. 31 and 36.

Over mountainous land, thru heavy timber and dense brush.
Descend, 230 ft. on NW. slope.

Chains

- 6.40 Ravine, course W., continue along west slope.
- 14.00 Spur, slopes west; descend 140 ft.
- 24.00 Ravine, course NW., ascend 30 ft.
- 27.00 Low spur. slopes NW., descend 120 ft.
- 32.00 Draw, course west; spring and Spring Camp bears W. 2 chs.
- 33.50 Trail, bears SE. to Santa Anita and NW. to Mt. Wilson.
- 36.00 Gulch, course SW., ascend 100 ft. over broken SE. slope
Leave timber, continue thru dense brush.
- 40.34 Proportionate point, set an iron post 3 ft. long, 1 in.
diam. 10 ins. on the ground to bedrock, marked (X) stone
alongside of post, in a mound of stone, for $\frac{1}{4}$ sed. cor.
with brass cap marked

	†	
S 36		S 31
1927		

Cor. falls on small drain, course S. 70°E.

Ascend 140 ft.

- 49.00 Trail, bears SW. to Mt. Wilson and NE. 8 chs. to forks
which bear E. along top of ridge and S. to Spring Camp
and Santa Anita Canyon.
- 50.00 Ridge, bears E. and W., divide between Santa Anita and
West Fork of San Gabriel River; descend 1050ft. over
broken N. slope, thru 1924 burn and scattering timber.
- 80.68 Proportionate point, set an iron post 3 ft. long, 2 ins.
diam. 20 ins. in the ground to bedrock, in a mound of
stone, for cor. of secs. 25, 30, 31 and 36, with brass
cap marked

	T 2 N	
R 11 W		R 10 W
S 25		S 30
S 36		S 31
1927		

From which

A spruce 30 ins. diam. bears N. 56° E. 46 lks. dist.
marked T 2 N R 10 W S 30 B T.

Chains

An oak 8 ins. diam. bears S.67°E. 20 lks. dist.
marked T 2 N R 11 W S 31 B T.

A spruce 10 ins. dia. bears S.55°W. 21½ lks. dist.
marked T 2 N R 11 W S 36 B T.

No tree in limits to NW.

Land, rolling and rough mountainous.

Soil, rocky, 3d and 4th rate.

Timber, spruce, live oak, black oak.

Undergrowth, lilac, oakbrush, manzanita, chaparral, chemical.

Thence N.0°13'W. on true line bet. secs. 25 and 30.

Over rough, mountainous land, thru brush, 1924 burn.

Descend 400 ft. over steep N. slope.

8.00 Rocky gulch, 50 lks. wide, course NW., asc. 325 ft. over
broken SW. slope.

32.00 Ridge-spur, slopes N.75°W., leave burn, enter timber and
dense brush, bears NW. and SE. descend 425 ft.

40.34 Proportionate point, set an iron post, 3 ft. long, 1 in.
diam. 2½ ins. in the ground, for ¼ sec. cor. with brass
cap marked

¼
S 25 | S 30
1927

From which

An oak 5 ins. diam. bears N.86°W. 111 lks. dist.
marked ¼ S 25 B T.

An oak 5 ins. diam. bears S.78°E., 8 lks. dist.
marked ¼ S 30 B T.

Descend 20 ft.

40.70 Gulch, course NW., ascend 45 ft. over SW. slope; leave
timber.

43.50 Ridge-spur. slopes NW., descend 750 ft. over NE. slope,
thru dense brush.

63.50 Ravine, course NE., continue descent.

Chains.

- 50.68 Proportionate point, set an iron post 3 ft. long, 2 ins. diam. 20 ins. in the ground to bedrock, in a mound of stone marked (x) stone alongside of post, for cor., of secs. 19, 24, 25 and 30, with brass cap marked

T 2 N	
R 11 W	R 10 W.
S. 24	S 19

S 25	S 30
1927	

From which

A spruce 18 ins. diam. bears N. 50° W. 132 lks. dist. marked T 2 N R 11 W S 24 B T.
 No other trees in limits. Cor. comes on low spur, slopes NE. Land; rough and rolling, mountainous.
 Soil, rocky, 2d and 3d rate.
 Timber, spruce and oak.
 Undergrowth, manzanita, oakbrush and chemisal, lilac and chaparral.

 Thence, N. 0° 13' W. on true line bet. secs. 19 and 24.
 Over rough, mountainous land, thru brush and scattering timber.
 Descend 100 ft. over NW. slope.

- 2.00 Mouth of short ravine, course NE. at gulch, course N. from SE., ascend 50 ft. over SE. slope.
 5.40 Spur, slopes NE., descend 130 ft. on N. slope.
 8.00 West Fork of San Gabriel River, 15 lks. wide, course S. 70° E. ascend over inaccessible bluffs, 375 ft.
 8.50 Trail bears NW. to Mt. Wilson and SE. to Rincon.
 14.61 Top of inaccessible bluffs, cont. ascent 125 ft. enter 1924 burn, bears E. and W.
 17.00 Spur. slopes SW. continue ascent.
 20.00 Descend 80 ft.
 24.50 Ravine, course SW. ascend 300 ft.
 32.50 Ridge bears SE. and NW., descend 20 ft. across head of ravine, course E.
 38.50 Spur, slopes NE., descend 90 ft.

Chains

- 40.34 Proportionate point, set an iron post, 3 ft. long, 1 in. diam. 27 ins. on the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
 S 24 | S 19
 1927

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high west of corner.

Descend 300 ft.

- 47.50 Rocky ravine, course E., ascend 175 ft. on broken SE. Slope.

- 55.80 Spur, slopes east; descend 100 ft.

- 72.00 Ravine, course east; ascend 220 ft.

- 80.68 Set an iron post, 3 ft. long, 2 ins. diam. 24 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked

T 2 N
 R 11 W | R 10 W
 S 13 | S 18
 S 24 | S 19
 1927

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high west of corner.

Land, rough, mountainous.

Soil, rocky, decomposed granite, 3d rate.

Timber, scattering spruce and oak.

Undergrowth, chemical, lilac, oakbrush and chaparral, young growth since 1924.

 Thence, N. $0^{\circ}13'$ W. on true line bet. secs. 13 and 18.

Over rough, mountainous land, thru 1924 burn.

Ascend 150 ft.

- 3.80 Ridge-spur slopes SE., descend 170 ft.
 8.00 Gulch, course SE., ascend 460 ft.
 18.55 Ridge-spur, slopes S. 75° E., descend 320 ft.
 27.00 Gulch, course SE., ascend 100 ft.

Chains.

- 30.00 Spur, slopes SE., descend 110 ft.
 36.00 Gulch, course SE., ascend 280 ft.
 40.34 Proportionate point, set an iron post 3 ft. long, 1 in. diam. 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\begin{array}{c} \frac{1}{4} \\ \text{S } 13 \frac{1}{2} \text{ S } 18 \\ 1927 \end{array}$

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high west of corner.

Thence, N.0°25'W. on true line bet. secs. 13 and 18, cont. measurement.

Ascend 100 ft. over small spur, slopes SE.

- 43.00 Ridge-spur slopes SE., descend 220 ft.
 52.00 Rocky ravine, course SE., ascend 150 ft.
 56.00 Spur, slopes SE., descend 100 ft.
 61.00 Rocky ravine, course SE., ascend 560 ft.
 73.00 Ridge-spur, slopes SE. descend 195 ft. over bluffs.
 77.50 Short rocky ravine, near head, course E., over E. slope.
 80.51 Proportionate point, set an iron post 3 ft. long, 2 ins. diam. 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked

$\begin{array}{c} \text{T } 2 \text{ N} \\ \text{R } 11 \text{ W} \mid \text{R } 10 \text{ W} \\ \text{S } 12 \mid \text{S } 7 \\ \text{S } 13 \mid \text{S } 18 \\ 1927 \end{array}$

And raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high west of corner.

Land, rough, mountainous.

Soil, rocky, 3d and 4th rate.

No timber.

Undergrowth: young growth of chemical, lilac, oakbrush and chaparral, after 1924 burn.

 Thence N.0°25'W. on true line bet. secs. 7 and 12.

Over rough, mountainous land, thru 1924 burn.

Ascend 5 ft.

Chains

- 1.70 Low spur, slopes NE. descend 270 ft.
 10.00 Rocky gulch, course SE., water 3 lks. wide; ascend 60 ft.
 11.50 Point of spur, slopes SE.
 15.00 Rocky ravine, course S.15°E., ascend 700 ft. on SW.slope
 40.17 Proportionate point, set an iron post 3 ft. long, 1 in. diam. 18 ins. in the ground, to bedrock, marked (X) stone alongside of post in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 12 | S 7
 1927

Ascend 70 ft. over SW. slope.

- 42.00 Ridge-spur, slopes SE., cont. ascent, 450 ft. on SE. slope
 57.00 Spur, slopes east; descend 250 ft.
 63.00 Gulch, near head, course E., ascend 550 ft.
 72.00 North extremity of 1924 burn; bears E. and W., enter dense brush.
 76.00 Flat top spur, slopes east; descend 70 ft. over E. slope near top of high spur from west.
 80.34 Proportionate point, set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked

T 2 N
 R 11 W | R 10 W.
 S 1 | S 6
 S 12 | S 7
 1927

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of corner.

Land, rough, mountainous.

Soil, rocky, decomposed granite, 3d and 4th rate.

Timber, none.

Undergrowth, chaparral, oakbrush, manzanita, lilac, chemisal.

Chains

Thence, N.0°25'W. on true line bet. secs. land 6.

Over mountainous land, thru dense brush.

Along E. slope of high ridge.

- 6.00 Spur, slopes NE., descend 1030 ft. over north slope.
- 18.00 Enter heavy oak timber bears E. and W.
- 32.50 Gulch, course S.70°E. confluence of two draws from W. and NW. water 2 lks. wide, in bottom; enter burn, leave timber, bears NW. and SE., ascend 350 ft. over SW. slope.
- 40.17 Proportionate point, set an iron post 3 ft. long, 1 in. diam. 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

	↑	
S 1		S 6
	↓	
	1927	

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high west of corner.

Ascend 70 ft.

- 41.60 Sharp spur, slopes S.40°E., continue over broken E. slope.
- 47.00 Ascend 235 ft. over SE. slope.
- 55.40 Gulch, course SE., change to south slope.
- 63.70 Spur, slopes east; descend 415 ft. over NE. slope.
- 69.00 Change to N. slope, enter timber, bears E. and W.
- 77.50 Rocky gulch, course N.70°E., ascend 40 ft. on SE. slope.
- 80.34 The cor. of Ts.2 and 3 N., Rs.10 and 11 W., which is a rotted stake, 4 ins. sq., 1 ft. above ground, in a mound of stone, 4 ft. base, and 1 ft. high; marks are illegible on the post.

In place of post, set an iron post, 3 ft. long, 3 ins. diam. 24 ins. in the ground, in the mound of stone, deposit marked (X) stone alongside of post, in the mound of stone for cor. of Ts.2 and 3 N., Rs.10 and 11 W., with brass cap marked

	T 3 N	
R 11 W		R 10 W
S 36		S 31
S 1		S 6
	T 2 N	
	1927	

Chains

From which

A white oak 14 ins. diam. bears S. 1° E. 90 lks. dist.
marked T 2 N R 10 W S 6 B T.

A spruce 28 ins. diam. bears S. 4° W. 340 lks. dist.
marked T 2 N R 11 W S 1 B T.

No tree in limits to NE. or NW.

Land, rough, mountainous.

Soil, rocky, 3d and 4th rate.

Timber, live oak, white oak and spruce.

Undergrowth, oakbrush, chemical, lilac, manzanita, chaparral.

From the cor. of Ts. 1 and 2 N., Rs. 10 and 11 W., previously described.

S. 89° 33' W. on true line bet. secs. 1 and 36.

Over rough, mountainous land, thru dense brush and scattering timber.

Descend 915 ft. over broken NW. slope.

- 4.20 Gully, course NW.
10.40 Forest trail, bears N. to Spring Camp and S. to Santa Anita canyon.
15.00 Ravine, course NW.
28.00 Gulch, course NW. ascend 145 ft. on NE. slope.
33.50 Spur, slopes N., desc. 210 ft.
39.00 Rocky ravine, course NW. ascend 10 ft.
40.02 Proportionate point, set an iron post, 3 ft. long, 1 in. diam. 24 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$ S 36
S 1
1927

from which

A spruce 30 ins. diam. bears N. 58 $\frac{1}{2}$ ° W. 122 lks. dist.
marked $\frac{1}{4}$ S 36 B T.

A spruce 30 ins. diam. bears S. 45° W. 7 lks. dist.
marked $\frac{1}{4}$ S 1 B T.

Chains

- 41.50 Spur, slopes NW. descend 290 ft.
- 45.00 Ravine, course NW.
- 50.00 Foot of mountain, 30 lks. S. of left bank of gulch, 15 lks. wide, E.fork of Santa Anita Creek, dry, course NW. from NE., ascend 60 ft. along NE. slope.
- 59.40 Spur, slopes N. switchback in same trail, bears SW. to Santa Anita Canyon and SE. to Spring Camp. Descend 440 ft. over NW. slope.
- 60.00 Same trail, bears N. and S.
- 69.50 Same trail, bears SW. and NE.
- 76.00 E.fork of Santa Anita Creek, dry gulch, 40 lks. wide course SW., ascend 50 ft.
- 79.40 Spur, slopes SW., descend 30 ft.
- 80.04 Proportionate point, set an iron post 3 ft. long, 2 ins. dia. 20 ins. in the ground to bedrock, in a mound of stone for cor. of secs. 1,2,35 and 36, with brass cap marked

T 2 N	R 11 W.
S 35	S 36
S 2	S 1
T 1 N	
1927	

From which

An oak 16 ins. diam. bears N.50°E. 28 lks. dist. marked T 2 N R 11 W S 36 B T.

An oak 8 ins. diam. bears S.56°E. 34 lks. dist. marked T 1 N R 11 W S 1 B T.

A spruce, 10 ins. diam. bears S.80°W. 73 lks. dist. marked T 1 N R 11 W S 2 B T.

An oak 6 ins. diam. bears N.4° W. 40 lks. dist., marked T 2 N R 11 W S 35 B T.

Land, rough, mountainous.

Soil, decomposed granite and loam, 3d and 4th rate.

Timber, spruce and oak.

Undergrowth, manzanita, oakbrush, sumach, lilac, chemical chaparral.

Chains.

Thence, S. 59° 33' W. on a true line bet. secs. 2 and 35.

Over rough, mountainous land, thru timber and brush.

Descend 120 ft. over bluffs.

- 2.50 E. Fork of Santa Anita Creek, gulch 20 lks. wide, water in wet season, course N. to NE. asc. 205 ft. leave timber, enter dense brush, bears N. and S.
- 4.50 Trail, bears N. to Santa Anita Canyon and S. to Spring Camp.
- 7.70 Spur, slopes N., descend 290 ft.
- 20.50 Ravine, course N., ascend 60 ft.
- 22.00 Spur, slopes N., descend 110 ft.
- 23.50 Wash, course N. ascend 370 ft.
- 38.75 Spur, slopes N., descend 55 ft.
- 40.02 Proportionate point, set an iron post, 3 ft. long, 1 in. diam. 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$ S 35

S 2
1927

From which

An oak 6 ins. diam. bears N. 4° E. 100 lks. dist.
marked $\frac{1}{4}$ S 35 B T.

An oak 3 ins. diam. bears S. 16° W. 22 lks. dist.
marked B T.

Descend 1170 ft. over broken NW. slope.

- 61.00 Spur, slopes N.W.
- 65.30 Rocky gulch, course NW.
- 73.00 Descent becomes precipitous, bluffs facing NW.
- 79.80 Same trail bears SW. to Santa Anita Canyon and NE. to Spring Camp.
- 80.04 Proportionate point, set an iron post, 3 ft. long, 2 ins. diam. 30 ins. in the ground and loose rock, for cor. of secs. 2, 3, 34 and 35, with brass cap marked

Chains

T 2 N	R 11 W
S 34	S 35
S 3	S 2
T 1 N	
1927	

From which

An oak 16 ins. diam. bears N.29°E. 36 lks. dist.
marked T 2 N R 11 W S 35 B T.

An oak 22 ins. diam. bears S.80°E. 62 lks. dist.
marked T 1 N R 11 W S 2 B T.

A bay 6 ins. diam. bears S.35°W. 33 lks. dist.
marked T 1 N R 11 W S 3 B T.

An oak 5 ins. diam. bears N.1½°W. 134 lks. dist.
marked T 2 N R 11 W S 34 B T.

Land, rough, mountainous.

Soil, decomposed granite, 3d and 4th rate.

Timber, scattering spruce and oak.

Undergrowth, lilac, manzanita, oakbrush, sumach and chemical.

Thence, S.89°33'W. on grue line bet. secs. 3 and 34.

Over mountainous land, thru dense brush and timber.

Asc. 30 ft.

- 2.00 Trail bears NW. to Santa Anita Canyon and SE. to Spring Camp.
- 4.00 Spur, slopes N., descend 220 ft.
- 6.00 Same trail, bears SW. and NE.
- 9.00 Same trail, bears NE. and SW.
- 10.30 Enter E. Fork of Santa Anita Canyon, dry, rocky wash, 30 lks. wide, course W.
- 14.70 Leave wash, course SW., ascend 45 ft. leave timber.
- 16.00 Same trail, bears SW. to Santa Anita Canyon and NE. to Spring Camp.
- 17.30 Spur, slopes SW., descend 125 ft.
- 19.50 Enter timber in canyon, bears N. and S.
- 19.88 USFS mark bears S.5.69 chs. dist., is a cross (X) and USFM marked on boulder 15 ft. diam. and 5 ft. high in Santa Anita Canyon, opposite and W. of cabin No.90

Chains.

- 21.00 Santa Anita Creek, 10 lks. wide, course S. 15°E.
Ascend 560 ft.
- 22.50 Trail bears N. to Sturtevant's Camp and Mt. Wilson, and
S. down Santa Anita Canyon; enter Fern Lodge grounds.
- 23.25 USFS trail sign bears N. 214 lks. dist., office building
of Fern Lodge bears S. 20 lks. dist.
- 26.25 Leave Fern Lodge grounds, bears N. and S.
- 29.00 Trail bears SE. to Santa Anita Canyon and NW. to Mt.
Wilson, via. Sturtevant's Camp.
- 36.80 Spur, slopes SE., continue over S. slope thru very dense
high brush.
- 40.02 Set an iron post 3 ft. long, 1 in. diam. 24 ins. in the
ground, for $\frac{1}{4}$ sec. cor. with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S } 34 \\ \text{S } 3 \\ \hline 1927 \end{array}$$

From which

An oak 10 ins. diam. bears N. 1°E. 142 lks. dist.
marked $\frac{1}{4}$ S 34 B T.

An oak 6 ins. diam. bears S. 12°E. 10 lks. dist.
marked $\frac{1}{4}$ S 3 B T.

Descend 20 ft. thru dense brush.

- 46.00 Ravine, course SE., ascend 275 ft.
- 57.50 Fire line on ridge, bears NW. and SE., descend 10 ft.
over broken S. slope.
- 74.40 Spur, slopes S., descend 115 ft.
- 79.00 Ravine, course S., ascend 65 ft.
- 80.04 Proportionate point, set an iron post 3 ft. long, 2 ins.
diam. 20 ins. in the ground, to bedrock, in a mound of
stone for cor. of secs. 3, 4, 33 and 34, with brass cap
marked

$$\begin{array}{r|l} \text{T } 2 \text{ N} & \text{R } 11 \text{ W} \\ \hline \text{S } 33 & \text{S } 34 \\ \text{S } 4 & \text{S } 3 \\ \hline \text{T } 1 \text{ N} & \\ 1927 & \end{array}$$

From which

Chains.

An oak 3 ins. diam. bears N.1°E. 22 lks. dist.
marked B T.

An oak 6 ins. diam. bears S.64°E. 9 lks. dist.
marked T 1 N R 11 W S 3 B T.

No other trees within limits.

Land, rough, mountainous.

Soil, decomposed granite and dark loam, 3d rate.

Timber, spruce and live oak.

Undergrowth, manzanita, sumach, oakbrush and chemisal, lilac.

Thence, S.89°33'W. on true line bet. secs. 4 and 33.

Over rough, mountainous land, thru dense brush.

.15 Spur, slopes S. descend 50 ft.

1.00 Ravine, course S., ascend 50 ft.

8.00 Trail on spur, slopes S. trail bears N. to Mt. Wilson,
via. Sturtevant's Camp and S. to Sierra Madre, via Hoe-
gee's Camp.

Descend 60 ft. over broken SW. slope.

20.00 Enter creek bottom, bears N.75°W. and S.75°E.

20.50 Winter creek, 5 lks. wide, course S.75°E., at switchback
in trail bearing SE. to Sierra Madre and S.80°E. about
7 obs. to Hoegge's Camp.

Ascend 350 ft. over broken NE. slope, thru brush and
timber.

40.02 Proportionate point, set an iron post 3 ft. long, 1 in.
diam. 24 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass
cap marked

S 33
+ ———
S 4
1927

From which

An oak 30 ins. diam. bears N.81°E. 225 lks. dist.
marked $\frac{1}{4}$ S. 33 B T.

A spruce 14 ins. diam. bears S.47°E. 77 lks. dist.
marked $\frac{1}{4}$ S 4 B T.

Chains

- Ascend 10 ft.
- 40.70 Spur, slopes N., descend 140 ft. over bluffs.
- 43.40 Winter creek, 5 lks. wide, in wash 50 lks. wide, course N. Ascend 200 ft.
- 48.30 Spur, slopes S., descend 80 ft.
- 50.00 Winter Creek, 5 lks. wide, course SE., ascend 800 ft. over broken NW. slope.
- 58.00 Ravine, course N.
- 77.50 Spur, slopes N., descend 25 ft.
- 80.04 Proportionate point, set an iron post, 3 ft. long, 2 ins. diam. 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T 2 N	R 11 W
8 32	8 33
8 5	8 4
T 1 N.	
1927	

From which

A spruce 8 ins. diam. bears N. $1\frac{1}{2}^{\circ}$ E. 25 $\frac{1}{4}$ lks. dist. marked T 2 N R 11 W S 33 B T.

An oak 14 ins. diam. bears S. 86° E. 25 lks. dist. marked T 1 N R 11 W S 4 B T.

A spruce 30 ins. diam. bears S. 30° W. 51 lks. dist. marked T 1 N R 11 W S 5 B T.

A spruce 40 ins. diam. bears N. 32° W. 34 $\frac{1}{2}$ lks. dist. marked T 2 N R 11 W S 32 B T.

Land, rough, mountainous.

Soil, decomposed granite, rocky, dark loam, 3d rate.
 Timber, spruce, like oak and baywood.
 Undergrowth, manzanita, oakbrush, lilac, chemisal.

Thence, S. $89^{\circ}33'$ W. on true line bet. secs. 5 and 32.
 Over rough, mountainous land, thru timber and brush.
 Descend 20 ft.

- .60 Draw, course N., ascend 770 ft. over broken N.E. slope

Chains

- 22.50 Fire line on ridge, Santa Anita and Little Santa Anita Divide, bears SE. and NW., descend 400 ft. over SW.slope.
- 40.02 Proportionate point, set an iron post, 3 ft.long, 1 in. diam. 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$ S 32
S 5
1927

From which

An oak 10 ins. diam. bears N.70 $\frac{1}{2}$ °W. 78 lks. dist.
marked $\frac{1}{4}$ S 32 B T.

An oak 4 ins. diam. bears S.1°E. 21 lks. dist.
marked $\frac{1}{4}$ S 5 B T.

Ascend 725 ft. over broken SE. slope.

- 41.50 Ravine, course S.
- 44.00 Spur, slopes S.
- 52.00 Trail bears S. to Little Santa Anita Canyon and N. to Mt.Wilson.
- 64.00 Little Santa Anita, near head, dry gulch, 20 lks. wide, course S.
- 74.00 Mt.Wilson road, bears SW. to bottom and NE. to Mt.Wilson.
- 76.50 Ridge, Little Santa Anita-Eaton divide, bears N. and S. descend 160 ft. thru dense brush, leave timber, bears N. and S.
- 80.05 Set an iron post, 3 ft. long, 2 ins. diam. 18 ins. in the ground, to bedrock, marked (X) stone alongside of post, in a mound of stone, for cor. of secs. 5,6, 31 and 32, with brass cap marked

T 2 N | R 11 W
S 31 | S 32
S 6 | S 5
T 1 N
1927

From which

An oak 10 ins. diam. bears N.34 $\frac{1}{4}$ °W. 438 lks. dist.
marked T 2 N R 11 W S 31 B T.

This cor. is set at proportionate distance in departure

Chains

And record dist. in latitude from the cor. of secs. 7, 8, 17 and 18, T. 1 N., R. 11 W.

Land, rough, mountainous.

Soil, decomposed granite, rocky, loam, 3d and 4th rate.

Timber, spruce and live oak.

Undergrowth, manzanita, lilac, oakbrush, chemisal.

Thence, West on true line on the S. bdy of sec. 31.

Over rough, mountainous land, thru dense brush and scattering timber.

Descend 1325 ft. over broken SW. slope.

10.00 Gulch, course S.W., enter scattering timber, bears SW and N.E.

34.00 Gulch, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground for $\frac{1}{4}$ sec. cor. sec. 31, only, with brass cap marked

$\frac{1}{4}$ S 31
1927

From which

An oak 10 ins. diam. bears N. 9° E. 32 lks. dist. marked $\frac{1}{4}$ S 31 E T.

Descend 300 ft. over broken SW. slope.

62.00 Gulch, water 1 lk. wide, course NW., asc. 30 ft.

73.00 Spur, slopes NW., descend 200 ft.

79.20 Same gulch, wash 20 lks. wide, course SW., asc. 20 ft.

79.63 A point which is south of the $\frac{1}{4}$ sec. cor. on W. bdy of sec. 30, hereinafter described.

Set an iron post, 3 ft. long, 3 ins. diam. 18 ins. in the ground to bedrock, marked (X) stone alongside of post, in a mound of stone for cor. of T. 2 N R. 11 W. only. with brass cap marked

T 2 N
R 11 W
S 31
1927

Chains

From which

An alder 20 ins. dia. bears N. 89½° E. 65 lks. dist.
marked T 2 N R 11 W S 31 B T.

Land, rough, mountainous.

Soil, decomposed granite, rocky, 3d and 4th rate.

Timber, scattering oak and spruce.

Undergrowth, manzanita, oakbrush, lilac, chemisal.

DEPENDENT RESURVEY OF NORTH BOUNDARY OF T. 2 N., R. 11 W.

From the cor. of Ts. 2 and 3 N., Rs. 10 and 11 W.,
previously described.

West on a random line bet. secs. 36 and 1, and 35 and 2.

40.00 Find no trace of ¼ sec. cor., set temp. cor.

80.00 Find no trace of cor. of secs. 1, 2, 35 and 36.

Set temp. cor.

120.00 Find no trace of ¼ sec. cor., set temp. cor.

149.76 Fall 1.96 chs. N. of the cor. of secs. 2, 3, 34 and 35,
Thence from cor.

West on a random line bet. Ts. 2 and 3 N., R. 11 W.,
searching for orig. cors. at record distances, without
success, and setting temp. cors. at such record dis-
tances.

318.64 Fall 2.13 chs. N. of the cor. of Ts. 2 and 3 N., Rs. 11
and 12 W., which is a granite stone firmly set. 10 x
6 x 4 inches above ground, in a mound of stone, marked
with 6 notches on N.S.E. and W. sides. In place of
stone, set an iron post 3 ft. long, 3 ins. diam. 29 ins.
in the ground, with orig. stone cor., alongside of post,
for cor. of Ts. 2 and 3 N., Rs. 11 and 12 W., with brass
cap marked

T 3 N	
R 12 W	R 11 W
S 36	S 31
S 1	S 6
T 2 N	
1927	

Chains

And raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high south of corner.

Thence, N. $89^{\circ}37'E$. on true line bet. secs. 6 and 31.

Over mountainous land, thru dense brush.

Ascend 30 ft.

- 1.00 Spur, slopes north; descend 135 ft.
- 5.60 Ravine, course N. $15^{\circ}E$., ascend 110 ft.
- 12.40 Spur, slopes north; descend 100 ft.
- 15.30 Ravine, course NW., ascend 240 ft. over SW. slope.
- 28.70 Saddle of ridge, bears NW. and SE., desc. 10 ft. on N. slope.
- 37.80 Ravine. course N. $85^{\circ}W$., ascend 110 ft.
- 39.83 Proportionate dist., set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \frac{8 \ 31}{8 \ 6} \\ 1927 \end{array}$$

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, north of corner.

Ascend 180 ft.

- 43.50 Broad spur. slopes N., continue ascent.
- 47.40 Trail, bears NW., to Tujunga Creek, and SE. to Barley Flat.
- 50.00 Head of draw, course north.
- 53.00 Spur slopes N., descend 200 ft. on east slope.
- 57.30 Gulch, course north; ascend 110 ft.
- 64.50 Spur. slopes north; descend 180 ft.
- 69.50 Gulch, course NE., ascend 100 ft.
- 78.50 Spur, slopes NE., descend 55 ft.
- 79.66 Proportionate distance, set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked

$$\begin{array}{r} T \ 3 \ N \quad R \ 11 \ W \\ \frac{8 \ 31}{8 \ 6} \quad \frac{8 \ 32}{8 \ 5} \\ T \ 2 \ N \\ 1927 \end{array}$$

Chains

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high,
west of corner.

Land, rolling; mountainous.

Soil, rocky loam, 2d and 3d rate.

Timber, live oak, scrubby and scattering.

Undergrowth, manzanita, oakbrush, lilac, chemisal and
chaparral.

Thence, N. $89^{\circ}37'E$. on true line bet. secs. 5 and 32.

Over mountainous land, thru dense brush.

Descend 130 ft. over east slope.

2.00 Enter draw from south.

3.00 Leave draw, course north; ascend 20 ft.

12.00 Spur, slopes north; descend 240 ft.

23.00 Tujunga Wash, water in rainy seasons only, 10 lks. wide,
course N. to NW.

Ascend rolling Sw. slope, 300 ft.

27.75 Trail, bears N. to lower Tujunga and S. to Pine Flat.

39.83 Proportionate point, set an iron post, 3 ft. long, 1 in.
diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass
cap marked

$$\begin{array}{r} \frac{1}{4} \quad 8 \quad 32 \\ \quad 8 \quad 5 \\ \hline \quad 1927 \end{array}$$

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high
north of corner.

Ascend 60 ft.

47.00 Spur, slopes south; descend 145 ft.

56.40 Gulch, course SW., ascend 550 ft. on N.W. slope.

79.66 Proportionate point, set an iron post, 3 ft. long, 2 ins.
diam. 15 ins. in the ground, to bedrock, marked (X)
stone alongside of post in a mound of stone, for cor. of
secs. 4, 5, 32 and 33, with brass cap marked

$$\begin{array}{r|l} T \ 3 \ N & R \ 11 \ W \\ \hline 8 \ 32 & 8 \ 33 \\ 8 \ 5 & 8 \ 4 \\ \hline T \ 2 \ N & \\ 1927 & \end{array}$$

Chains

Corner comes in head of drain, course N.70°W.

Land, rolling, mountainous.

Soil, rocky, 2d and 3d rate.

Timber, none.

Undergrowth, oakbrush, manzanita, lilac, cherry, chemical and chaparral.

Thence, N.89°37'E. on true line bet. secs. 4 and 33.

Over rolling, mountainous land, thru dense brush.

Ascend 740 ft. over SW. slope.

10.50 Spur, slopes SW., continue ascent.

39.83 Proportionate point, set an iron post, 3 ft. long, 1 in. diam. 16 ins. in the ground, in a mound of stone for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$ S 33

S 4

1927

Set a marked (X) stone alongside of post, in the mound of stone.

Continue ascent 590 ft.

78.00 Change to S. slope.

79.66 Proportionate distance, set an iron post, 3 ft. long, 2 ins. diam. 12 ins. in the ground to bedrock, marked (x) stone alongside, in a mound of stone, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T 3 N	R 11 W
S 33	S 34
S 4	S 3
T 2 N	
1927	

Land, rolling, mountainous.

Soil, rocky, 2d and 3d rate.

Timber, none.

Undergrowth, manzanita, oakbrush, lilac, chemical, chaparral and cherry.

Chains.

Thence N. 89° 37' E. on true line bet. secs. 3 and 34.

Over rolling, mountainous land, thru dense brush.

Along S. slope.

16.00 Divide, summit of ridge, bears N. 7° W. and S. 60° E.

Descend 425 ft. over NE. slope.

39.80 Leave brush, bears NE. and SW.

39.83 Proportionate point, set an iron post, 3 ft. long, 1 in. diam. 12 ins in the ground, to bedrock, marked (X) stone alongside, in a mound of stone, for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$ S 34
S 3
1927

From which

A pine 18 ins. diam. bears N. 23° E. 59 lks. dist. marked $\frac{1}{4}$ S 34 B T.

An oak 12 ins. diam. bears S. 74° E. 105 lks. dist. marked $\frac{1}{4}$ S 3 B T.

Enter scattering timber, bears NE. and SW., desc. 15 ft.

42.50 Draw, course S. 60° E. at point of confluence with gully from SW., ascend 100 ft. on W. slope.

43.00 Enter dense brush, bears NW. and SE.

48.60 Spur, slopes S., descend 190 ft.

56.00 Same draw, course N. E., ascend 120 ft. on W. slope.

61.40 Change to NE. slope; flat spur sloping N., desc. 180 ft.

69.80 Gully, course N., continue over N. slope; leave dense brush, enter pine timber, bears NW and SE.

79.10 Wash, course N. 70° W.

79.66 The cor. of secs. 2, 3, 34 and 35, which is a pint post, 4 ins. sq., 18 ins. above ground, in a mound of stone 2 ft. base and 1 ft. high, marked

T 3 N R 11 W S 35 on NE.
S 34 on NW.
S 3 on SW. and
T 2 N R 11 W S 2 IM on SE. sides.

In place of post, set an iron post 3 ft. long, 2 ins. diam.

Chains.

30 ins. in the ground in the mound of stone, for cor.
of secs. 2, 3, 34 and 35, with brass cap marked

T	3	N	R	11	W
S	34	S	35		
S	3	S	2		
T	2	N			
	1927				

From which the new bearing trees:

A yellow pine 20 ins. diam. bears S.39°E. 191 lks.
dist. marked T 2 N R 11 W S 2 B T.

A yellow pine 24 ins. diam. bears S.35°W. 214 lks.
dist., marked T 2 N R 11 W S 3 B T.

A yellow pine 24 ins. diam. bears N.36°W. 191 lks.
dist., marked T 3 N R 11 W S 34 B T.

A cedar 6 ins. diam. bears N.31½°E. 125 lks. dist.
marked T 3 N R 11 W S 35 B T.

The original bearing trees:

A yellow pine 60 ins. diam. dead and fallen, bears
N.55°E. 91 lks. dist. marked T 3 N R 11 W S 35 B T.

A yellow pine stump 50 ins. diam. bears S.48°E. 23
lks. dist. marked T 2 N R 11 W S 2 B T.

A yellow pine 40 ins. diam. bears S.66°W. 136
lks. dist. marked T 2 N R 11 W S 3 B T.

A yellow pine 50 ins. diam. bears N.76°W. 197
lks. dist. marked T 3 N R 11 W S 34 B T.

Pine Flats Spring bears S.11½°E 3.00 chs. dist.

Pine Flat Ranger Station bears N.72°E. 5 chs. dist.

Land, rolling, mountainous.

Soil, rocky, 2d and 3d rate.

Timber, pine and scattering oak and cedar.

Undergrowth, oakbrush, manzanita, lilac, chemical, willow
and chaparral.

Chains

Thence N. 89° 15' E. on true line bet. secs. 2 and 35.

Over rolling land, thru open timber.

Ascend 90 ft.

- 1.40 Trail, bears NE. to Ranger Station and S. to Spring.
- 2.30 Trail bears NE. to Ranger Station and S. to Tujunga Wash.
- 20.50 Divide, bears NE. and SW., leave timber, enter dense brush.
- Desc. 250 ft. over E. slope.
- 29.50 Gulch, course S., water 1 lk. wide, asc. 250 ft.
- 37.44 Proportionate point, set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$ S 35
 S 2
 1927

From which

A pine, 6 ins. diam. bears N. 83° E. 290 lks. dist. marked $\frac{1}{4}$ S 35 B T.

A pine, 6 ins. diam. bears S. 69 $\frac{1}{2}$ ° E. 232 lks. dist. marked $\frac{1}{4}$ S 2 B T.

Ascend 400 ft. over rolling, broken SE. slope.

- 40.40 Head of gully, course S.W.
- 43.00 Small spur, slopes SW.
- 60.00 Enter 1924 burn, bears N. and S.
- 67.50 Spur, slopes E., descend 30 ft. along S. side of peak on dividing ridge.
- 74.55 Proportionate point, set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked

T 3 N	R 11 W
S 35	S 36
S 2	S 1
T 2 N	
1927	

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high west of corner.

Land, rolling and rough, mountainous.

Chains

Soil, rocky, 2d and 3d rate.

Timber, pine and scattering oak.

Undergrowth, oakbrush, manzanita, chemisal, lilac and chaparral.

Thence N. 89°15'E. on true line bet. sees. 1 and 36.

Over rough, mountainous land, thru 1924 burn.

Along S. slope.

5.00 Dividing ridge bet. Tujunga Creek and Devil's Canyon;
bears NW. and S.

Descend 650 ft., over east slope.

12.40 Gulch, course S E., change to SE. slope.

26.50 Head of ravine, course south; change to S. slope.

37.44 Proportionate point, set an iron post, 3 ft. long, 1 in.
diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass
cap marked

$\frac{1}{4}$ $\frac{836}{81}$
1927

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high north of
Cor. Cor. falls on ridge-spur, slopes S. 60° E.

Descend 1150 ft. over precipitous NE. slope.

70.00 Small sharp spur, slopes N. 80° E., change to east slope.

74.88 The cor. of Ts. 2 and 3 N., Rs. 10 and 11 W. previously
described.

Land, rough, mountainous.

Soil, rocky, 3d and 4th rate.

Timber, scattering spruce and oak.

Undergrowth, lilac, chemisal, oakbrush and chaparral,
young growth after 1924 burn.

Chains.

From the cor. of secs. of Ts.2 and 3 N., Rs.11 and 12 W.
South on a random line bet.secs. 1 and 6.

38.93 Fall 41 lks. E. of the $\frac{1}{4}$ sec. cor.

63.78 Fall 118 lks. E. of the wit.cor. of secs. 1,6,7 and
12.

Thence, from cor. South on a random line bet. secs.
1 and 6.

14.50 Set temp. cor. of secs. 6 and 7, T.2 N., R.11 W. and cont.
random line south bet. secs. 7 and 12.

56.58 Fall 3.46 chs. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 7 and
12.

Thence, South on a random line bet. Rs.11 and 12 W.
T.2 N., making search at record distances, for orig.
cors., without success, and setting temp. cors. at such
record distances.

403.78 Fall 5.85 chs. E. of the $\frac{1}{4}$ sec. cor. of secs.1 and 6,
T.1 N., Rs.11 and 12 W., a granite stone 20 x 10 x 4
ins. on the ground, marked $\frac{1}{4}$ on one face, and witnessed
by a mound of stone 2 ft.base, 2 ft.high west of corner.
In place of stone, set an iron post, 3 ft.long, 1 in.
diam. 30 ins. in the ground, with stone cor. alongside,
for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
S 1 | S 6
1927

witnessed by the mound of stone 2 ft. base, 2 ft.high
west of corner.

Return to the cor. of Ts.2 and 3 N., Rs.11 and 12 W.
Thence, S.0°36'W. on a true line on W. bdy of sec. 6.
Over mountainous land, thru dense brush.

.50 Small ravine, course NW., ascend 110 ft.

4.40 Spur, slopes NW., descend 70 ft. on SW. slope.

20.00 Dry creek, 20 lks. wide, course NW., ascend 430 ft.NE.
slope.

Chains.

35.00 Ridge-spur, slopes N.30°W., ascend 80 ft. on NW. slope.

38.93 The $\frac{1}{4}$ sec. cor. which is a stone 8 x 8 x 4 ins. above ground, in a small mound of stone, marked $\frac{1}{4}$ on W. side.

In place of stone,

Set an iron post 3 ft. long, 1 in. dia. 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 6, only, with brass cap marked

$\frac{1}{4}$ S 6
1927

and rebuild mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, east of corner, with orig. stone cor. in the mound of stone.

A spruce 40 ins. diam. bears N.42°W., 219 lks. dist. marked $\frac{1}{4}$ S 1 B T. (Old BT)

I destroy the marks on this bearing tree.

Thence, S.1°47'W. on true line on W. bdy of sec. 6.

Ascend 510 ft. over N. slope thru dense brush.

8.50 Spur, slopes N.10°E., continue ascent on NE. slope.

19.00 Gulch, near head, course N.E., continue ascent.

24.86 The wit. cor. of secs. 1, 6, 7 and 12, which is a stone 8 x 8 x 12 ins. above ground, in a mound of stone, 4 ft. base and 1 ft. high, marked with 5 notches on S., 1 notch on N. and W. on S. side, on spur sloping N.30°W. In place of stone,

Set an iron post, 3 ft. long, 1 in. diam. 18 ins. in the ground, to bedrock, destroy the orig. markings and mark a cross (X) on stone cor. and deposit alongside of post in a mound of stone, for angle point cor. on W. bdy of sec. 6, with brass cap marked

T 2 N
R 11 W
AP
S 6
1927

Thence, S.3°30'W. on true line on W. bdy of sec. 6.

Descend 150 ft. over SW. slope.

11.20 Rocky gulch, course NW., ascend 150 ft. thru open oak timber.

Chains

- 15.05 Proportionate point, set an iron post, 3 ft. long, 2 ins. diam. 20 ins. in the ground, to bedrock, marked (X) stone alongside of post in a mound of stone, for cor. of secs. 6 and 7, only, with brass cap marked

T	2	N
S	6	
S	7	
R	11	W

1927

From which

A live oak 10 ins. diam. bears N. 48° E. 97 lks. dist. marked T 2 N R 11 W S 6 B T.

A live oak, 8 ins. diam. bears S. 69½° E. 46 lks. dist. marked T 2 N R 11 W S 7 B T.

Land, rolling and rough, mountainous.

Soil, black loam and decomposed granite, 3d rate.

Timber, live oak and scattering spruce and pine.

Undergrowth, manzanita, lilac, ohemisal, chaparral, oakbrush,

Thence, S. 3° 30' W. on a true line on W. bdy of sec. 7.

Over rough, mountainous land, thru open oak timber.

Ascend 510 ft. over N. and NW. slope.

- 14.60 Spur, slopes west; descend 350 ft. on SW. slope.

- 28.00 Gulch, course N. 75° W., ascend 285 ft. on NW. slope.

- 41.61 The point for ¼ sec. cor. bet. secs. 7 and 12, as determined from original bearing tree.

Set an iron post, 3 ft. long, 1 in. diam. 27 ins. in the ground for ¼ sec. cor. of sec. 7, only, with brass cap marked

¼	S	7
---	---	---

1927

From which

The orig. bearing tree,

A live oak 48 ins. diam. bears N. 24½° E. 162 lks. dist. marked ¼ S B T.

I remark this tree ¼ S 7 B T to E. of orig. blase.

A new bearing tree

A live oak 30 ins. diam. bears S. 34° E. 40 lks. dist. marked ¼ S 7 B T.

Chains

Thence, S.0°50'W. on true line on W.bdy of sec.7.

Ascend 62 ft. thru open timber.

- 3.30 Ridge, Tujunga and San Gabriel divide, bears NE. and SW.
Cont. over E. slope across head of gulch.
- 4.30 Trail, bears SW. and NE. along top of ridge.
- 5.60 New road, bears SW. to Mt.Wilson and NE.(under construc-
tion) to Chilao.
- 8.10 Head of gulch, course SE.
- 9.20 Same road, bears SE. to Mt.Wilson and NW. to Chilao.
- 12.00 Spur, slopes SE., leave timber, enter dense brush, bears
NE. and W., descend 700 ft. over broken SE. slope.
- 17.80 Same road bears SW., to Mt.Wilson and NE. to Chilao.
- 24.70 Spur, slopes SE., change to south slope.
- 34.50 Rocky gulch, course S.20°E., change to SE. slope.
- 40.38 Proportionate point, set an iron post, 3 ft.long, 2 in.
diam. 10 ins. in the ground, to bedrock, marked (X)
stone alongside of post, in a mound of stone for cor.
of secs. 7 and 18, only, with brass cap marked

T	2	N
S	7	
S	18	
R	11	W

1927

Land, rough, mountainous.

Soil, blackloam, decomposed granite, rocky, 2d, 3d and 4th
rate.

Timber, pine, spruce and live oak.

Undergrowth, lilac, chemisal, manzanita, oakbrush and
chaparral.

Thence, S.0°50'W. on true line on W.bdy of sec.18.

Over broken, mountainous land, thru dense brush.

Descend 480 ft. on broken SE. slope.

- .50 Ravine, course SE.
- 3.00 Low spur, slopes SE.
- 18.80 Gulch, 10 lks.wide, water in rain season, course E.

Chains

Ascend 410 ft. enter scattering timber, bears E. and W.

29.30 Ridge, bears W. and E., 1.50 chs., thence SE., leave timber.

Descend 185 ft. over S. slope thru dense brush, along W. side of long spur, sloping south.

40.38 Proportionate point, set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 18, only, with brass cap marked

$\frac{1}{4}$ S 18

1927

And raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high east of corner.

Descend 750 ft. over SW. slope.

48.00 Brushy ravine, course SE.

72.00 Forest trail, bears E., down W. Fork of San Gabriel and W. to Opid's Camp.

73.00 West Fork of San Gabriel River, 20 lks. wide, course NE. Ascend 250 ft., enter scattering timber, bears E. and W.

80.76 Proportionate point, set an iron post, 3 ft. long, 2 ins. diam. 27 ins. in the ground, for cor. of secs. 18 and 19, only, with brass cap marked

T 2 N
S 18
S 19
R 11 W

1927

From which

A live oak 6 ins. diam. bears N. 73° E. 200 lks. dist. marked T 2 N R 11 W S 18 B T.

A live oak 10 ins. diam. bears S. 39° E. 105 lks. dist. marked T 2 N R 11 W S 19 B T.

Land, rough, mountainous.

Soil, decomposed granite, 3d and 4th rate.

Timber, spruce and live oak.

Undergrowth, lilac, manzanita, oakbrush, chemisal, chaparral.

Chains.

Thence, S.0°50'W. on a true line on the W.bdy of sec.19.

Over, rough, mountainous land, thru scattering timber and brush.

Ascend 560 ft. over precipitous NE. slope.

11.50 Spur, slopes East; descend 120 ft., leave timber.

14.50 Enter timber, bears E. and W.

18.50 Ravine, course east; ascend 95 ft.

23.00 Small spur, slopes east; descend 110 ft.

29.00 Ravine, course East; ascend 350 ft.

37.00 Ridge-spur, slopes N.60°E., descend 180 ft.

Leave timber, enter dense brush, bears NE. and SW.

39.40 Leave dense brush, continue descent over rocky slope.

40.38 Proportionate point, set an iron post 3 ft.long 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. sec. 19, only, with brass cap marked

| $\frac{1}{4}$ S 19
1927

and raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft.high east of corner.

A spruce 12 ins.diam. bears N.67°E. 66 lks. dist. marked $\frac{1}{4}$ S 19 B T.

Descend 140 ft.

44.00 Ravine, course SE. ascend 50 ft.

46.40 Spur, slopes SE., enter brush and timber, bears E.and W. Descend 145 ft.

50.00 Gulch, water 2 lks. wide, course N.75°E., ascend 755 ft.

77.00 Leave dense brush, cont. over rocky slope, head of ravine, course N.E.

78.40 Rocky ravine, course N.15°E., continue ascent.

80.76 Proportionate point, set an iron post, 3 ft.long, 2 ins. diam. 28ins. in the ground, in loose rock, for cor. of secs.19 and 30, only, with brass cap marked

T | 2 N
R | 11 W
S | 19
S | 30
1926

Chains

From which

A live oak, 12 ins. diam. bears N.43°E. 93 lks. dist.
marked T 2 N R 11 W S 19 B T.

A bay, 6 ins. diam. bears S.47°E. 54 lks. dist.
marked T 2 N R 11 W S 30 B T.

Cor is on steep rocky N. slope, under N. side of a live
oak, 20 ins. diam. blazed on E., W., N. and S. sides.
Land, rough mountainous.

Soil, rocky, decomposed granite, 3d and 4th rate.

Timber, spruce and live oak.

Undergrowth, lilac, manzanita, oakbrush, chemical, chaparral.

Thence, S.0°50'W. on true line on W. bdy. of sec. 30.
Over rough, mountainous land, thru timber and brush.
Ascend 645 ft. over precipitous N. slope.

6.40 Road, bears SW. to Opid's camp and Chilao and NE. to
Mt. Wilson.

11.40 Ridge, San Gabriel and Eaton Canyon divide, bears E.
and W.

Descend 1050 ft. over precipitous broken SE. slope.

39.00 Rocky ravine, course E., ascend 30 ft.

40.38 Proportionate point, set an iron post 3 ft. long, 1 in.
diam. 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 30,
only, with brass cap marked

$\frac{1}{4}$ S 30
1927

From which

A spruce, 10 ins. diam. bears N.71°E. 39 lks. dist.
marked $\frac{1}{4}$ S 30 BT.

A live oak 10 ins. diam. bears S.52 $\frac{1}{2}$ °E. 43 lks.
dist., marked $\frac{1}{4}$ S 30 BT.

Chains.

Thence, South on true line on the W. bdy of sec. 30.

Ascend 50 ft. over NE. slope.

- 3.00 Spur, slopes SE., descend 690 ft. over broken SE. slope.
32.00 Ravine, course SE.
39.52 A point west of the $\frac{1}{4}$ sec. cor. bet. secs. 30 and 31,
hereinafter described.
Set an iron post/ ^{3 ft. long,} 2 ins. diam. 26 ins. in the ground,
for cor. of secs. 30 and 31, only, with brass cap marked

	T 2 N
	S 30
	S 31
	R 11 W

1927

From which

A spruce, 16 ins. diam. bears N. $42\frac{1}{4}^{\circ}$ E. 486 lks.
dist. marked T 2 N R 11 W S 30 BT.

No tree in limits in sec. 31.

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high east of cor.

Land, rough, mountainous.

Soil, rocky, decomposed granite and loam, 3d and 4th rate.
Timber, spruce and live oak.

Undergrowth, lilac, chaparral, oakbrush and manzanita.

Thence, South on a random line on the W. bdy of sec. 31.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.05 The SW. cor. of T. 2 N., R. 11 W., only, hereinbefore
described.

Return to the cor. of secs. 30 and 31, only.

Thence, South on a true line on the W. bdy of sec. 31.

Over rough, mountainous land, thru timber and brush.

Descent 700 ft. over SE. slope.

- 17.00 Deer Park Canyon, creek 5 lks. wide, course SW.
Ascend 150 ft.
17.50 Trail, bears NE. and SW. to Eaton Canyon.
30.00 Ridge-spur, slopes west; descend 265 ft. over SW. slope.
40.03 Midpoint, set an iron post, 3 ft. long, 1 in. diam. 18
ins. in the ground, to bedrock, in a mound of stone,

Chains.

marked (X) stone alongside of post, for $\frac{1}{4}$ sec. cor.
sec. 31, only, with brass cap marked

$\frac{1}{4}$ S 31

1927

Cor. falls on top of rock ledge.

Descend 240 ft. over precipitous SW. slope.

- 47.00 Enter Eaton Canyon, bears N. 30° W. and S. 30° E.
51.00 Eaton Creek, 5 lks. wide, course S. 30° E., ascend 60 ft.
57.00 Spur, slopes E., descend 130 ft.
60.00 Enter Eaton Canyon, bears NE. and SW.
62.00 Eaton Creek, 8 lks. wide, course SW.
66.00 Leave Eaton Canyon, bears NE. and SW., ascend 200 ft.
77.50 Ridge-spur, slopes SW., descend 140 ft.
80.05 The SW. cor. of T. 2 N., R. 11 W., only, previously described.

Land, rough, mountainous.

Soil, rocky, 3d and 4th rate.

Timber, scattering spruce and live oak.

Undergrowth, manzanita, lilac, oakbrush, chemical.

Dependent Resurvey of Subdivisions in

T 2 N., R 11 W.

Reestablishment of the Surveys of Secs. 20, 21, 29, 30, 31, 32 and 36, executed by G.W. Pearson, Deputy Surveyor, in 1884; of sec. 16, executed by W.H. Norway, Deputy Surveyor, in 1875, and completion of the survey of secs. 30 and 31.

The NW. cors. of secs. 36, 33 and 32, are reestablished at record distances in departure from the reestablished NE. cor. of sec. 36, on E. bdy of Tp., and at proportionate distances in latitude bet. reestablished cors. on the N. and S. bdies. of the Tp. Other cors. are reestablished

Chains

based
by double proportion/ on reestablished cors. on the
N.S., E. and W. bdys. of the township.

From the cor. of secs. 1,2,35 and 36, on S.bdy of Tp.
N.0°25'W. on true line bet. secs. 35 and 36.

Over rough, mountainous land, thru timber and brush.
Descend 175 ft. over precipitous NW. slope.

4.00 Right bank of E.Fork of Santa Anita Canyon, bears NW.
and SW.

Ascend 1000 ft. over broken SW. slope.

7.00 Leave timber, bears E. and W.

31.00 Long spur, slopes SW., cont. asc. over SW. slope.

35.60 Ridge-spur, slopes N.80°W., desc. 100 ft. thru dense
brush.

39.30 Ravine, near head, course N.75°W., ascend 25 ft.

40.26 Midpoint, set an iron post, 3 ft.long, 1 in.diam. 6 ins.
in the ground to bedrock, marked (X) stone alongside
of post, in a mound of stone, for $\frac{1}{4}$ sec. cor. with brass
cap marked

$\frac{1}{4}$
S 35 | S 36
1927

No trees in limits.

Ascend 40 ft.

41.30 Ridge-spur, slopes N.75°W., descend 590 ft.

59.30 Gulch, course S.60°W. asc. 470 ft. over broken S. slope.

80.52 Proportionate point, set an iron post, 3 ft.long, 2 ins.
diam. 28 ins. in the ground for cor. of secs. 25,26,35
and 36, with brass cap marked

T 2 N | R 11 W
S 26 | S 25
S 35 | S 36
1927

From which

An oak 10 ins. diam. bears N.77°W. 90 lks. dist.
marked T 2 N R 11 W S 26 B T.

No other tree in limits.

Chains.

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high west of cor.

Land, rough, mountainous.

Soil, rocky loam, 2d, 3d and 4th rate.

Timber, live oak and spruce.

Undergrowth, oakbrush, manzanita, lilac, chemisal.

From the cor. of secs. 25, 30³¹ and 36, on E. bdy of Tp.
S. 89° 37' W. on a true line bet. secs. 25 and 36.

Over rough, mountainous land, thru timber and brush.

Ascend 45 ft. over precipitous N. slope, thru 1924 burn.

3.90 Descend 140 ft.

11.90 Draw, course NE., ascend 400 ft. on NE. slope.

21.00 Spur, slopes N., leave burn, bears N. and SE., enter dense brush along broken N. slope.

40.27 Record distance; set an iron post 3 ft. long, 1 in. diam.
26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$ S 25
1927³⁶

From which

A spruce, 18 ins. diam. bears N. 34° W. 292 lks. dist.
marked $\frac{1}{4}$ S 25 B T.

A fir 10 ins. diam. bears S. 74° W. 58 lks. dist.
marked $\frac{1}{4}$ S 36 B T.

41.70 Spur, slopes N., descend 250 ft.

53.30 Head of gulch, course NE., ascend 685 ft.

73.25 Trail, bears NW. to Mt. Wilson and SE. to Spring Camp.

80.00 Ridge, Santa Anita-San Gabriel Divide, bears NW. and SE.
Continue along south slope, thru dense brush.

80.54 Record distance, the cor. of secs. 25, 26, 35 and 36.

Land, rough, mountainous.

Soil, rocky loam and decomposed granite, 3d rate.

Chains.

Timber, scattering spruce and oak.

Undergrowth, oakbrush, lilac, chemical and manzanita.

At proportionate point, which is 2.42 chs. S. and 1.67 chs.
E. of the temp. cor. of secs. 21, 22, 27 and 28.

Set an iron post, 3 ft. long, 2 ins. diam. 24 ins. in the
ground, for cor. of secs. 21, 22, 27 and 28, with brass
cap marked

T 2 N	R 11 W
S 21	S 22
S 28	S 27
1927	

From which

An oak 6 ins. diam. bears N. 9° E. 22 lks. dist.
marked T 2 N R 11 W S 22 B T.

An oak 7 ins. diam. bears S. 75° E. 18 lks. dist.
marked T 2 N R 11 W S 27 B T.

An oak 8 ins. diam. bears S. 86° W. 43 lks. dist.
marked T 2 N R 11 W S 28 B T.

An oak 10 ins. diam. bears N. 12½° W. 155 lks. dist.
marked T 2 N R 11 W S 21 B T.

Thence, N. 0° 46' E. on a true line bet. secs. 21 and 22.

Over rough, mountainous land, thru timber and brush.

Descend 420 ft. over broken N. slope.

6.00 Trail, bears NE. to Newton Pass and Sierra Madre and
SW. to old West Fork Camp.

15.07 An iron post, 2 ins. diam. 6 ins. above a mound of stone
4 ft. base and 1 ft. high bears W., 31.48 chs. dist.

An iron cap on the iron post is marked

Sec. 16	Sec. 15
T 2 N	R 11 W
S B N	
Sec. 21	Sec. 22

From which

An oak 8 ins. diam. bears S. 70° E. 15 lks. dist.
marked X BT

Chains.

An oak 8 ins. diam. bears S. $47\frac{1}{2}^{\circ}$ W. 21 lks. dist.
marked X BT.

This cor. was established by Legrand Friel, local surveyor, in his reestablishment of the boundaries of the $S\frac{1}{2}$ $S\frac{1}{2}$ of sec. 16, for J.M. Beard.

20.00 Creek, 8 lks. wide, course NW., asc. 400 ft. on SW.
slope.

21.00 Leave timber, enter dense brush, bears NW. and SE.

28.50 Fire line on spur, sloping NW., descend 370 ft.

34.68 An iron post, 2 ins. diam. 6 ins. above a mound of stone
4 ft. base and 1 ft. high, bears W. 31.75 obs. dist.

An iron cap on the iron post is marked

NE. corner
of S. Half of
S. Half
Sec. 16
T 2 N. R. 11 W.
S B M.

From which

An oak 6 ins. diam. bears N. 22° W. 20 lks. dist.
marked X BT.

An oak 6 ins. diam. bears S. 58° W. 19 lks. dist.
marked X BT.

This cor. was established by Legrand Friel, local surveyor, in his reestablishment of the boundaries of the $S\frac{1}{2}$ $S\frac{1}{2}$ of sec. 16, for J. M. Beard.

40.16 Midpoint, set an iron post 3 ft. long, 1 in. diam. 24 ins.
in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 21 S 22
1927

From which

An oak 8 ins. diam. bears N. 57° E. 130 lks. dist.
marked $\frac{1}{4}$ S 22 S T.

An oak 6 ins. diam. bears S. 40° W. 17 lks. dist.
marked $\frac{1}{4}$ S 21 S T.

Descend 370 ft. over broken N. slope.

Chains

- 45.00 Ravine, course NW., continue descent.
- 49.00 Trail, bears E. and W. in canyon of W. Fork of San Gabriel.
- 50.00 West Fork of San Gabriel River, 30 lks. wide, course E.
Ascend 80 ft.
- 52.00 Point of ridge-spur, slopes SE., descend 5 ft.
- 56.50 Rocky gulch, water 3 lks. wide, course SE., leave timber,
enter brush, bears NW. and SE.
Ascend 525 ft. over SW. slope.
- 78.50 Spur, slopes W., descend 50 ft.
- 80.33 Proportionate point, which is 2.35 chs. S. and 1.52 chs.
E. of the temp. cor. of secs. 15, 16, 21 and 22.
Set an iron post, 3 ft. long, 2 ins. diam. 18 ins. in the
ground to bedrock, marked (X) stone alongside of post,
in a mound of stone, for cor. of secs. 15, 16, 21 and 22,
with brass cap marked

T 2 N	R 11 W
S 16	S 15
S 21	S 22
1927	

From which

An oak 6 ins. diam. bears N. 88° E. 106 lks. dist.
marked T 2 N R 11 W S 15 B T.

No other trees.

Land, rough, mountainous.

Soil, rocky and gravelly loam, 3d rate.

Timber, scattering spruce and live oak.

Undergrowth, manzanita, oakbrush, lilac and chemical.

Thence, N. 0° 17' E. on a true line bet. secs. 15 and 16.

Over rough, mountainous land, thru dense brush.

- .15 Ravine, course W., ascend 440 ft. over broken SW. slope.
- 11.60 Ridge-spur, slopes SE., desc. 250 ft. over broken NE.
slope.
- 40.00 Gulch, course E., ascend 10 ft.

Chains.

- 40.16 Midpoint, set an iron post 3 ft. long, 1 in. diam, 20 ins. in the ground to bedrock, marked (X) stone alongside of post, in a mound of stone, for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
 S 16 | S 15
 1927

Ascend 1440 ft. over broken S. slope.

- 76.20 Ridge, bears SE. and N.W. descend 80 ft.
- 80.33 Proportionate point, which is 2.40 chs. S. and 2.80 chs. E. of the temp. cor. of secs. 9, 10, 15 and 16,
 Set an iron post 3 ft. long, 2 ins. diam. 30 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked

T 2 N | R 11 W
 S 9 | S 10
 S 16 | S 15
 1927

From which

A pine 36 ins. diam. bears S. $32\frac{1}{2}^{\circ}$ W. 200 lks. dist. marked T 2 N R 11 W S 16 B T.

An oak 10 ins. diam. bears N. $79\frac{1}{4}^{\circ}$ W. 394 lks. dist. marked T 2 N R 11 W S 9 B T.

No other trees in limits.

Land, rough, mountainous.

Soil, rocky, decomposed granite and loam, 3d rate.

Timber, scattering spruce, live oak and pine.

Undergrowth, manzanita, lilac, chemical, oakbrush.

 From the cor. of secs. 4, 5, 32 and 33, on S. bdy of Tp. N. $1^{\circ}48'$ W. on true line bet. secs. 32 and 33.

Over rough, mountainous land, thru timber and brush.

Descend 550 ft. over broken N. slope.

- 3.50 Rocky ravine, course N. 15° E., continue descent.
- 13.20 Winter Creek, 5 lks. wide, course E., asc. 900 ft. SE. slope.

Chains.

- 39.50 Slope changes to E., desc. 15 ft.
 40.18 Midpoint, set an iron post, 3 ft. long 1 in.diam. 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

	†	
S 32		S 33
1927		

From which

A black oak 8 ins. diam. bears S.40°E. 16 lks.dist. marked $\frac{1}{4}$ S 33 B T.

A spruce 40 ins. diam. bears N.84 $\frac{1}{4}$ °W.173 lks.dist. marked $\frac{1}{4}$ S 32 B T.

Descend 40 ft.

- 41.00 Ravine, course E., ascend 90 ft.
 46.00 Spur, slopes E., desc. 200 ft. over NE. slope.
 64.50 Gulch, course S.75°E., asc. 700 ft. over S. slope.
 80.35 Proportionate distance, which is 2.64 shs. S. of the temp. cor. of secs. 28, 29, 32 and 33. Set an iron post, 3 ft. long, 2 ins. diam. 30 ins. in. the ground, for cor. of secs. 28,29,32 and 33, with brass cap marked

T 2 N		R 11 W
S 29		S 28
S 32		S 33
1927		

From which

An oak 12 ins. diam. bears N.20°E.350 lks. dist. marked T 2 N R 11 W S 28 B T.

An oak 10 ins. diam. bears S.64°W. 14 lks. dist. marked T 2 N R 11 W S 32 B T.

An oak 10 ins.diam. bears N.36 $\frac{1}{4}$ °W. 125 lks. dist. marked T 2 N R 11 W S 29 B T.

Land, rough, mountainous.

Soil, rocky, decomposed granite and loam, 3d rate.

Chains

Timber, scattering spruce and live oak.

Undergrowth, manzanita, lilac, chemisal, oakbrush.

Thence, N.1°35'E. on a true line bet. secs. 28 and 29.

Over rough, mountainous land, thru timber and dense brush.

Ascend 120 ft.

3.60 Fire line on ridge, bears N.65°W. and S.65°E.

Descend 600 ft. over NE. slope, thru oak timber.

7.00 Trail, bears SE. to Sturtevant's Camp. and NW. to Mt. Wilson.

21.00 Gulch, West Fork of Santa Anita Creek, water 3 lks. wide course E., ascend 750 ft. over SE. slope, thru oak timber.

40.17 Midpoint, set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
S 29 | S 28
1927

From which

An oak 12 ins. diam. bears S. 69 $\frac{1}{2}$ °W. 35 lks. dist. marked $\frac{1}{4}$ S 29 B T.

An oak 8 ins. diam. bears N. 25 $\frac{1}{2}$ °E. 245 lks. dist. marked $\frac{1}{4}$ S 28 B T.

Ascend 85 ft.

42.40 Fire line on ridge, Santa-Anita and San Gabriel Divide, bears E. and W.

Descend 1250 ft. over broken N. slope.

42.95 Trail, bears NW. to Mt. Wilson and SE. to Newton's Pass.

44.00 Same trail, bears SE. and NW.

46.60 Same trail, bears NW. and SE.

80.35 At proportionate point, which is 2.91 chs. S. and 2.23 chs. E. of the temp. cor. of secs. 20, 21, 28 and 29,

Set an iron post, 3 ft. long, 2 ins. diam. 20 ins. in

Chains

the ground to bedrock, marked (X) stone alongside of post, in a mound of stone, for cor. of secs. 20, 21, 28 and 29, with brass cap marked

T 2 N	R 11 W
S 20	S 21
S 29	S 28
1927	

From which

An oak 16 ins. diam. bears N. 40 $\frac{1}{4}$ ° E. 293 lks. dist. marked T 2 N R 11 W S 21 B T.

An oak 14 ins. diam. bears S. 52° E. 25 lks. dist. marked T 2 N R 11 W S 28 B T.

An oak 6 ins. diam. bears S. 31 $\frac{1}{2}$ ° W. 39 lks. dist. marked T 2 N R 11 W S 29 B T.

An oak 10 ins. diam. bears N. 51° W. 68 lks. dist. marked T 2 N R 11 W S 20 B T.

Land, rough, mountainous.

Soil, rocky, decomposed granite and loam, 3d rate.

Timber, spruce and oak.

Undergrowth, chemisal, chaparral, lilac and oakbrush, and manzanita.

Thence, N. 89° 39' E. on true line bet. secs. 21 and 28.

Over, rough, mountainous land, thru timber and brush.

Ascend 150 ft.

- 10.00 Spur, slopes north; descend 295 ft. on NE. slope.
- 17.00 Wash, 30 lks. wide, course N., asc. 130 ft. on NW. slope.
- 22.50 Spur, slopes N., desc. 200 ft. on NE. slope.
- 30.50 Gully, course N., asc. 170 ft. on NW. slope.
- 34.50 Spur, slopes N., desc. 20 ft.
- 36.00 Ravine, course N., asc. 25 ft.
- 38.50 Spur, slopes N., desc. 35 ft.
- 39° 92 Midpoint, set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains.

$\frac{1}{4}$ $\frac{S\ 21}{S\ 28}$
1927

From which

An oak 8 ins. diam. bears N.30°W. 26 lks. dist.
marked $\frac{1}{4}$ S 21 B T.

An oak 8 ins. dia. bears S.73°E. 21 lks. dist.
marked $\frac{1}{4}$ S 28 B T.

Descend 165 ft. on NE. slope.

43.30 Trail bears NW. to West Fork Ranger Station and SE. to
Newton's Pass.

43.80 Ravine, course NE.

47.50 Ravine, course N., asc. 120 ft.

51.50 Spur, slopes NW. descend 30 ft.

54.30 Ravine, course N., asc. 130 ft.

56.40 Trail bears NE. to Newton's Pass and S W to West Fork
Ranger Station.

58.00 Spur, slopes N., descend 150 ft.

59.00 Same trail, bears SE. and NW.

61.30 Ravine, course N., asc. 170 ft.

68.75 Spur, slopes N., descend 200 ft.

76.50 Ravine, course N., asc. 100 ft.

79.84 Proportionate distance, the cor. of secs. 21, 22, 27 and
28.

Land, rough, mountainous.

Soil, rocky, decomposed granite and loam, 3d rate.

Timber, oak and scattering spruce.

Undergrowth, manzanita, oakbrush, lilac, chemical.

From the cor. of secs. 20, 21, 28 and 29.

N.0°56'E. on a true line bet. secs. 20 and 21.

Over rough, mountainous land, thru timber and brush.

Descend 95 ft. over NW. slope.

2.00 Gulch, course NE., ascend 5 ft. along E. slope.

16.00 Spur, slopes NE., descend 380 ft. over broken N. slope.

Chains..

- 39.00 Trail, bears E. to Newton's Pass and W. to West Fork Ranger Station; desc. becomes precipitous.
- 40.35 Midpoint, set an iron post 3 ft. long, 1 in. diam. 24 ins. in the ground, on precipitous N. slope, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 20 | S 21
 1927

From which

An oak 18 ins. diam. bears N. 26° E. 374 lks. dist. marked $\frac{1}{4}$ S. 21 B T.

An oak 14 ins. diam. bears N. 52° E. 12 lks. dist. marked $\frac{1}{4}$ S 21 B T.

A spruce, 14 ins. diam. bears N. 84° W. 51 lks. dist. marked $\frac{1}{4}$ S 20 B T.

Descend 85 ft.

42.00 Foot of precipitous slope, bears E. and W.

43.10 West Fork of San Gabriel River, 10 lks. wide, in wash 50 lks. wide, course SE., a cabin bears W. 1.50 chs. dist. Ascend 600 ft. over broken S. slope.

43.18 An iron post, 2 ins. diam. 6 ins. above a mound of stone, 3 ft. base, and 1 ft. high bears W. 24.60 chs. dist. An iron cap on the iron post is marked

Sec. 17 Sec 16
 T 2 N R 11 W
 S B M
 Sec 20 Sec 21

From which

An oak 8 ins. diam. bears S. 70° E. 15 lks. dist. marked X B T

An oak 8 ins. diam. bears S. $47\frac{1}{2}^{\circ}$ W. 21 lks. dist. marked X B T

This corner was established by Legrand Friel, local surveyor, in his reestablishment of the boundaries of the S $\frac{1}{4}$ S $\frac{1}{4}$ of sec. 16, for J. M. Beard.

Chains

- 45.50 Trail, bears E. and W., in West Fork Canyon, leave timber.
 60.00 Ridge-spur, slopes SW., cont. asc. over SW. slope.
 76.00 Spur, slopes SW., cont. along W. slope.
 80.69 At proportionate point, which is 2.69 chs. S. and 2.00
 chs. E. of the temp. cor. of secs. 16,17,20 and 21.
 Set an iron post, 3 ft. long, 1 in. diam. 27 ins. in
 the ground, for cor. of secs. 16,17,20 and 21, with
 brass cap marked.

T 2 N	R 11 W
S 17	S 16
S 20	S 21

1927

From which

An oak 6 ins. diam. bears N. $34\frac{1}{2}^{\circ}$ E. 30 lks. dist.
 marked T 2 N R 11 W S 16 B T.

An oak 3 ins. diam. bears S. 47° W. 14 lks. dist.
 marked B T.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high west
 of cor.

Land, rough, mountainous.

Soil, rocky, decomposed granite and loam, 3d rate.

Timber, oak and spruce.

Undergrowth, lilac, manzanita, oakbrush, chaparral, chemical.

 From the cor. of secs. 15,16,21 and 22, previously
 described:

S. $89^{\circ}45'$ W. on true line bet. secs. 16 and 21.

Over rough, mountainous land, thru dense brush.

Descend 150 ft. over broken SW. slope.

13.50 Ravine, course SE., asc. 330 ft. over SE. slope.

37.00 Ridge-spur, slopes S., cont. along S. slope.

31.00 Descend 220 ft. over SW. slope.

37.55 Gulch, 10 lks. wide, water 2 lks. wide, course SE.

37.75 Foot of precipitous E. slope, set an iron post, 3 ft.
 long, 1 in. diam. 26 ins. in the ground for wit. cor. to

Chains

$\frac{1}{4}$ sec. cor. with brass cap marked

WC $\frac{1}{4}$ S 16
S 21
1927

From which

An oak 14 ins. diam. bears S.26°E. 27 lks. dist.
marked $\frac{1}{4}$ S 21 WC B T.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of
cor.

Ascend 500 ft. over precipitous E. and SE. slope.

39.75 Midpoint, falls on bluff, impossible to set $\frac{1}{4}$ sec. cor.

47.50 Ridge-spur, slopes SE., desc. 300 ft. over SW. slope.

55.00 Dry-wash, 20 lks. wide, course SE. asc. 250 ft.

71.00 Ridge, bears N. and S., descend 265 ft. on broken SW.
slope.

79.50 The cor. of secs. 16, 17, 20 and 21.

Land, rough, mountainous.

Soil, rocky, decomposed granite and loam, 3d rate.

Timber, scattering spruce and live oak.

Undergrowth, manzanita, chaparral, lilac, oakbrush,
chemisal.

Thence, N.0°12'E. on true line bet. secs. 16 and 17.

Over rough, mountainous land, thru dense brush.

.40 Ravine, course SW., ascend 150 ft. over SW. slope.

9.60 Spur, slopes W., descend 200 ft. over broken NW. slope.

15.40 Ravine, course W., asc. 75 ft.

24.00 Spur, slopes W., desc. 260 ft.

36.50 Trail, bears NE. to Pine Flats and SW. to West Fork
Ranger Station.

37.00 Shortcut Canyon, creek 20 lks. wide, course SW.

Ascend 100 ft. over bluffs, facing #.

40.16 Midpoint, set an iron post, 3 ft. long, 1 in. diam.

30 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap
marked

Chains.

S 17 | S 16
1927

From which

An oak 16 ins. diam. bears N. 76° E. 182 lks. dist.
marked $\frac{1}{4}$ S 16 B T.

A spruce, 20 ins. diam. bears S. 2° W. 101 lks. dist.
marked $\frac{1}{4}$ S 17 B T.

Ascend 200 ft. over SE. slope.

55.00 Slope changes to NE., descend 215 ft.

60.25 Ravine, course S. 60° E., asc. 700 ft. over SE. slope.

79.80 Head of ravine, course SE.

80.31 AT proportionate point, which is 2.85 chs. S. and 3.74
chs. E. of the temp. cor. of secs. 8, 9, 16 and 17.
Set an iron post, 3 ft. long, 2 ins. diam. 30 ins. in
the ground, for cor. of secs. 8, 9, 16 and 17, with
brass cap marked

T 2 N	R 11 W
S 8	S 9
S 17	S 16
1927	

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high west
of corner.

Land, rough, mountainous.

Soil, rocky, decomposed granite and loam, 3d rate.

Timber, scattering spruce and oak.

Undergrowth, manzanita, lilac, oakbrush, chemical, chaparral.

From the cor. of secs. 9, 10, 15 and 16, previously
described.

S. 89° 40' W. on true line bet. secs. 9 and 16.

Over rough, mountainous land, thru dense brush.

Desc. 750 ft. across head of ravine and on NW. slope.

31.20 Same ravine, course SW., ascend 30 ft.

35.00 Trail, on spur, bears N. 30° E. to Pine Flats and SW. to
West Fork Ranger Station.

Descend 200 ft. over NW. slope.

Chains.

- 39.75 Midpoint, set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad S \quad 9 \\ \hline S \quad 16 \\ 1927 \end{array}$$

From which

A spruce, 18 ins. diam. bears N.20°W. 50 lks. dist. marked $\frac{1}{4}$ S 9 B T.

An oak 24 ins. diam. bears S.78°E. 40 lks. dist. marked $\frac{1}{4}$ S 16 B T.

Descend 150 ft. over broken NW. slope.

- 44.00 Ravine, course S.80°W., change to SW. slope.

- 49.10 Gulch, dry, 10 lks. wide and 20 lks. deep, course S. Ascend 500 ft.

- 66.00 Spur, slopes SE, desc. 200 ft. on SW. slope.

- 76.00 Shortcut Canyon, 20 lks. wide and 5 lks. deep, dry, course S., ascend 160 ft.

- 79.56 The cor. of Secs. 8, 9, 16 and 17.

Land, rough, mountainous.

Soil, rocky, gravelly loam and decomposed granite, 3d rate.

Undergrowth, manzanita, lilac, chemical, chaparral, oakbrush.

Timber, scattering spruce and oak.

From the cor. of secs. 5, 6, 31 and 32, on S.bdy of Tp. N.2°12'W. on true line bet. secs. 31 and 32.

Over rough, mountainous land, thru dense brush and timber.

Ascend 350 ft. over rocky SW. slope, across head of draw, course SW.

- 10.50 Ridge-spur, slopes N.70°W., descend 420 ft.

- 30.00 Wash, 20 lks. wide, course W., asc. 150 ft. over broken SW. slope.

- 40.23 Midpoint, set an iron post 3 ft. long, 1 in. diam. 34

Chains.

ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked

S 31	$\frac{1}{4}$	S 32
1927		

From which

An oak 12 ins. diam. bears S.25°W. 21 lks. dist.
marked $\frac{1}{4}$ S 31 B T.

An oak 16 ins. diam. bears N.20°E. 4 lks. dist.
marked $\frac{1}{4}$ S 32 B T.

Ascend 20 ft.

42.00 Low, rocky spur, slopes W., descend 75 ft.

44.75 Ravine, course SW., ascend 220 ft.

54.00 Spur, slopes W., descend 200 ft.

63.00 Wash, course W. asc. 500 ft. on broken SW. slope.

79.50 Rocky, ravine, course SW.

80.46 Proportionate dist., which is 3.47 chs. S. of the temp.
cor. of secs. 29, 30, 31 and 32.

Set an iron post, 3 ft. long, 2 ins. diam. 30 ins. in the
ground for cor. of secs. 29, 30, 31 and 32, with brass cap
marked

T 2 N	R 11 W
S 30	S 29
S 31	S 32
1927	

From which

A spruce, 46 ins. diam. bears N.7°E. 38 lks. dist.
marked T 2 N R 11 W S 29 B T.

A spruce, 30 ins. diam. bears S.35°E. 127 lks.
dist. marked T 2 N R 11 W S 32 B T.

An oak 7 ins. diam. bears S.40 $\frac{1}{2}$ °W. 14 lks. dist.
marked T 2 N R 11 W S 31 B T.

An oak 7 ins. diam. bears N.75°W. 37 lks. dist.
marked T 2 N R 11 W S 30 B T.

Land, rough, mountainous.

Soil, rocky, decomposed granite and loam, 3d rate.

Undergrowth, manzanita, lilac, oakbrush, chaparral, chemisal.

Chains

From the cor. of secs. 28, 29, 32 and 33, previously described:

S. 89° 25' W. on true line bet. secs. 29 and 32.

Over rough, mountainous land, thru dense brush and scattering timber.

Ascend 250 ft. over E. slope.

- 9.00 Spur, slopes SE., descend 150 ft. over SW. slope.
19.00 Slope changes to SE., ascend 100 ft.
23.40 Spur, slopes S., cont. over S. slope.
26.50 Gulch, 20 lks. wide, course SE., asc. 280 ft.
32.50 Open spur, slopes SE. a building bears S. 39° W. about 13 chs. dist.
35.86 A building bears N. 8.20 chs. dist.
38.21 Center of building, enclosing 100 ins. telescope bears N. 15.69 chs. dist.
40.30 Midpoint, set an iron post, 3 ft. long, 1 in. diam. 34 ins. in the ground. for $\frac{1}{4}$ sec. cor. with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S } 29 \\ \text{S } 32 \\ \hline 1927 \end{array}$$

From which

An oak 14 ins. diam. bears N. 39° W. 364 lks. dist. marked $\frac{1}{4}$ S 29 B T.

An oak 14 ins. diam. bears S. 10° E. 6 lks. dist. marked $\frac{1}{4}$ S 32 B T.

A cabin bears SW., 50 lks. dist.

Center of building enclosing 60 ins. telescope bears N., 8.40 chs. dist.

Sun tower bears N. 33° W. 9.85 chs. dist.

Ascend 40 ft.

- 41.30 S. end of stub road, bears N.
42.25 Wire fence, bears N. and S.
42.45 Road, bears N. and S. a building bears S. about 2 chs. dist.

Chains.

- 42.75 Ridge-spur, slopes S. south end of Power house building, extends NW., cross head of precipitous gulch, 400 ft. deep.
- 58.50 Mt. Wilson Hotel bears N. about 5 obs. dist.
- 63.00 Ridge, Easton and Santa Anita Divide, bears NE. and SW. Descend 600 ft. over W. slope.
- 73.00 Road, bears N. 33° W. to Mt. Wilson and SE. to foot of hills.
- 73.10 Telephone line, bears NW. and SE. near pole 252.
- 79.60 Rocky ravine, course SW.
- 80.60 The cor. of secs. 29, 30, 31 and 32.

The above buildings are of the Mt. Wilson Observatory.

Land, rough, mountainous.

Soil, rocky, decomposed granite and loam, 3d rate.

Timber, oak and spruce.

Undergrowth, manzanita, lilac, oakbrush, chemisal, chaparral.

Resurvey and Survey.

Thence, west on a true line bet. secs. 30 and 31. Over rough mountainous land, thru dense brush and timber.

Descend 250 ft. over SW. slope.

- 8.50 Gulch, course S., ascend 200 ft.
- 14.50 Spur, slopes S., descend 1090 ft. over precipitous SW. slope.
- 35.00 Rocky gulch, course S. 70° W., continue desc. SW. slope.
- 40.00 Record distance, set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 30
S 31
1927

From which

A spruce, 32 ins. diam. bears N. 18 $\frac{1}{2}$ ° W. 75 lks. dist. marked $\frac{1}{4}$ S. 30 B T.

A sweet gum 12 ins. diam. bears S. 59° W. 75 lks. dist. marked $\frac{1}{4}$ S 31 B T.

Chains.

- Desc. 200 ft. over SW. slope.
marked S 29 B T.
- 46.80 Creek, 3 lks. wide in gulch, 20 lks. wide, course S.
An oak 3 ins. diam. bears E. slope 30 lks. dist.
- Ascend 70 ft.
marked S 30 B T.
- 50.50 Spur, slopes S., desc. 375 ft. over SW. slope.
Descend 215 ft. on SE. slope.
- 67.00 Creek, 3 lks. wide in gulch, 40 lks. wide, course S.
Gulch 20 lks. wide, course SE. ascend 20 ft.
- Ascend 400 ft. over SE. slope.
Spur, slopes SE., descend 450 ft.
- 57.00 Spur, slopes SE.
- 71.50 Trail, bears SE. to West Fork Canyon, and NW. to Mt. Wilson.
- 76.93 Intersect W.bdy of Tp. at the cor. of secs. 30 and 31,
Survey course S. ascend 375 ft.
- only, previously described.
Same trail, bears NW. and SE.
- 66.00 Land, rough, mountainous.
Spur, slopes NW., descend 50 ft.
- 78.00 Soil, rocky, decomposed granite and loam, 3d rate.
Proportionate point, which is 3.79 chs. S. and 2.77 chs. NW.
- 80.48 Timber, oak and spruce.
E. of the temp. cor. of secs. 19, 20, 29 and 30.
Undergrowth, manzanita, lilac, chemical, chaparral, oakbrush.
Set an iron post, 3 ft. long, 2 ins. diam. 22 ins. in
- the ground, for cor. of secs. 19, 20, 29 and 30, with
From the cor. of secs. 29, 30, 31 and 32, previously de-
scribe cap marked
scribed,
- N. 2° 33' E. on true line bet. secs. 29 and 30.
Over rough, mountainous land, thru dense brush.
- Ascend 700 ft. over S. slope.
- 8.20 Road, bears NW. to Mt. Wilson and SE. to foot of hills.
- 12.70 Same road, bears E. and W.
- 14.40 Road, bears NW. to Opid's Camp and SE. to Mt. Wilson.
- 18.00 Ridge, San Gabriel and Eaton Divide, bears E. and W.
Reservoir in house bears E., 60 lks. dist.
- Descend 415 ft. over broken NE. slope.
- 18.50 Trail bears E. and W. along top of ridge.
- 22.70 Trail, bears SE. to Mt. Wilson and NW. to West Fork
Canyon. Enter timber bears E. and W.
- 40.24 Midpoint, set an iron post, 3 ft. long, 1 in. diam. 22
ins. in the ground, to bedrock, in a mound of stone
for $\frac{1}{4}$ sec. cor. with brass cap marked

↑
S 30 | S 29
1927

From which

Chains.

From the cor. of secs. 20,21,28 and 29, previously described,

S.89°22'W. on a true line bet. secs. 20 and 29.

Over rough, mountainous land, thru dense brush and scattering timber.

Descend 60 ft.

1.50 Gulch, 20 lks. wide, water in wet season, course NE.
Ascend.

15.00 Ridge-spur, slopes NE. descend 400 ft. on broken NW. slope.

39.38 Midpoint, set an iron post, 3 ft. long, 1 in.diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 20
S 29
1927

From which

An oak 10 ins. diam. bears N.51°E.330 lks.dist.
marked $\frac{1}{4}$ S 20 B T.

An oak 12 ins. diam. bears S.14°E. 32 lks.dist.
marked $\frac{1}{4}$ S 29 B T.

42.30 Creek, 3 lks. wide gulch, 30 lks. wide, course NE.
Ascend 400 ft. on NE. slope.

51.00 Spur, slopes NE., descend 250 ft. on NW. slope.

58.70 Creek 3 lks. wide, in gulch, 30 lks. wide, course NE.
ascend 600 ft. over NE. slope.

71.50 Fire line on ridge-spur, slopes N.20°E., ascend 80 ft.

79.75 The cor. of secs. 19,20,29 and 30, previously described,
Land, rough mountainous.

Soil, rocky, decomposed granite and loam, 3d rate.

Timber, oak and spruce.

Undergrowth, chemical, lilac, oakbrush, manzanita, chaparral.

Chains.

Thence, S. 89° 20' W. on true line bet. secs. 19 and 30.

Over rough, mountainous land, thru timber and dense brush.

Ascend 15 ft.

- .50 Spur, slopes NW., desc. 800 ft. on W. slope.
- 5.00 Leave dense brush and continue desc. thru timber, bears N. and S.
- 9.00 Trail, bears NW. to San Gabriel (West Fork) Canyon, and SE. to Mt. Wilson.
- 10.00 Same trail, bears SW. and NE.
- 18.00 Creek, 2 lks. wide in gulch, 15 lks. wide, course N. ascend 325 ft. on broken E. slope.
- 19.20 Same trail, bears N. and S.
- 20.50 Same trail, bears SE. and NW.
- 21.00 Same trail, bears N. to West Fork Canyon and S. to MT. Wilson.
- 24.00 Rocky ravine, course NE.
- 31.00 Spur, slopes N. 15° E., descend 75 ft.
- 38.00 Rocky ravine, course N. 10° E. ascend 105 ft.
- 39.72 Proportionate point, set an iron post, 3 ft. long 1 in. diam. 28 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ } \underline{\text{S } 19} \\ \text{S } 30 \\ 1927 \end{array}$$

From which

An oak 6 ins. diam. bears N. 200 lks. dist. marked $\frac{1}{4}$ S 19 B T.

An oak 7 ins. diam. bears S., 6 lks. dist. marked $\frac{1}{4}$ S 30 B T.

Ascend 300 ft. thru dense brush and scattering timber.

- 46.00 Spur, slopes N., leave dense brush, enter timber and scattering brush, bears N. and S., descend 70 ft.
- 55.00 Ravine, course N., ascend 190 ft.
- 64.00 Spur, slopes N., ascend 25 ft. over steep, rocky N. slope.

Chains.

- 79.76 The cor. of secs. 19 and 30, only, on W.bdy of Tp.,
previously described.
Land, rough mountainous.
Soil, rocky decomposed granite and loam, 3d rate.
Timber, oak and scattering spruce.
Undergrowth, lilac, chemisal, chaparral, manzanita, oakbrush.

From the cor. of secs. 19, 20, 29 and 30.

N. 0° 47' E. on true line bet. secs. 19 and 20.
Over rough, mountainous land, thru timber and dense brush.
Descend 900 ft. over NE. slope.

- 25.00 Spur, slopes NE., change to N. slope, desc. 350 ft.
40.34 Midpoint, set an iron post, 3 ft. long, 1 in. diam. 15
ins. in the ground, to bedrock, in a mound of stone, for
¼ sec. cor., with brass cap marked

↓
S 19 | S 20
1927

From which

An oak 8 ins. diam. bears N. 24° E. 176 lks. dist.
marked ¼ S 20 B T.

An oak 9 ins. diam. bears N. 30° W. 182 lks. dist.
marked ¼ S 19 B T.

Descend 120 ft.

- 41.80 Trail, bears SW. to Mt. Wilson and NE. to West Fork
Canyon.
43.00 Creek, 3 lks. wide in gulch, 30 lks. wide, course NE.
Ascend 175 ft. over SE. slope.
49.00 Ridge-spur, slopes E., desc. 290 ft. over N. slope
57.50 West Fork of San Gabriel River, 15 lks. wide, in wash
50 lks. wide, course E., cross rolling valley.
58.00 Public Camp No. 11, (USFS) bears E. about 1 ch. dist.
59.00 Trail bears E. and W. in West Fork Canyon.
Ascend 350 ft. over broken S. slope. Leave timber,
enter dense brush, bears E. and W.

Chains.

80.69 Proportionate point, which is 3.69 chs. S. and 2.52 chs. E. of the temp. cor. of secs. 17, 18, 19 and 20. Set an iron post 3 ft. long, 2 ins. diam. 30 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked

T 2 N	R 11 W
S 18	S 17
S 19	S 20
1927	

From which

A manzanita 6 ins. diam. bears N.55°W. 17 lks. dist. marked T 2 N R 11 W S 18 B T.

A manzanita 4 ins. diam. bears N.51°E. 19 lks. dist. marked B T.

A manzanita 6 ins. diam. bears S.45°E. 17 lks. dist. marked T 2 N R 11 W S 20 B T.

A manzanita 5 ins. diam. bears S.64°W. 25 lks. dist. marked T 2 N R 11 W S 19 B T.

Land, rough mountainous.

Soil, rocky, decomposed granite and loam, 3d rate.

Timber, oak and spruce.

Undergrowth, manzanita, chemisal, lilac, chaparral, oakbrush.

Thence, N.89°17'E. on true line bet. secs. 17 and 20.

Over rough, mountainous land, thru dense brush.

Ascend 75 ft.

3.00 Spur, slopes S., desc. 75 ft. across ravine, course SE.
10.50 Spur, slopes S., desc. 300 ft.
11.00 Enter timber, bears NE. and SW.
20.50 Gulch, 30 lks. wide, course SW. asc. 290 ft. over broken SW. slope.
23.30 Leave timber, continue thru dense brush, bears N. and S.
31.00 Fire line on ridge-spur, slopes S.
34.00 Spur, slopes SE. desc. 100 ft. on SE. slope.

Chains.

- 39.75 Midpoint, set an iron post, 3 ft. long, 1 in. diam. 12 ins. in the ground to bedrock, marked (X) stone alongside of post, in a mound of stone for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$ $\frac{S\ 17}{S\ 20}$
1927

Descend 35 ft.

- 40.75 Ravine, course SE. ascend 80 ft.
42.60 Spur, slopes SE. descend 530 ft. over broken SE. slope.
54.35 An iron post 2 ins. diam. 6 ins. above a mound of stone 3 ft. base and 1 ft. high bears S., 17.36 chs. dist.
An iron cap on the iron post is marked

NW. corner
of S. half of
S. half
Sec. 16
T 2 N R 11 W.
S B M

This cor. was established by Legrand Friel, local surveyor, in his reestablishment of the boundaries of the S $\frac{1}{2}$ S $\frac{1}{2}$ of sec. 16, for J. M. Beard.

- 65.00 Creek 8 lks. wide, in Shortcut Canyon wash, 50 lks. wide
Course SW., ascend 450 ft. over broken SW. slope.
65.30 Trail, bears N. to Pine Flat and S. to West Fork Canyon.
79.00 Gulch, course S.W.
79.50 The cor. of secs. 16, 17, 20 and 21, previously described.
Land, rough mountainous.
Soil, rocky, decomposed granite and loam, 3d rate.
Timber, oak and spruce, scattering.
Undergrowth, manzanita, oakbrush, chemisal, lilac, chaparral.
-

Latitudes, Departures and Closing Errors.

The land is 1.2 6., R 13 3., to 21 mountainous.

Line Designated	Course	Distance	Latitudes		Departures	
			N.	S.	E.	W.
E.bdy of Tp.	N.0°13'W.	282.38	282.38			1.06
	N.0°25'W.	200.85	200.85			1.47
S.bdy of Tp.	East.	79.63		79.63		
	N.89°33'E.	400.21	3.16		400.21	
N.bdy of Tp.	S.89°15'W.	149.76		1.96		149.76
	S.89°37'W.	318.64		2.13		318.64
W.bdy of Tp.	S.0°36'W.	38.93		38.93		.41
	S.1°47'W.	24.86		24.85		.77
	S.3°30'W.	56.69		56.58		3.46
	S.0°50'W.	242.28		242.28		3.51
	South	119.57		119.57		.49
Convergency						
			486.39	486.30	479.84	479.57
			486.30	479.57	479.57	
Error in Latitude			.09	Error	.27	
				in Departure.		

Soil is dark loam and decomposed granite, with much surface rock and slide rock on the precipitous slopes. The township is out of the question for agricultural purposes and equally poor for grazing purposes.

There is spruce and weathering fir timber on the highest hills or ridges, on the north slopes, and in the valleys are larger gulches. Live oak timber grows principally on the north slopes. There is also some scattering pine timber found in the higher parts of the township.

The township is covered with a dense growth of brush, chiefly manzanita, lilac, cholla, oakbrush, chaparral or mountain mahogany, sumach and poison oak.

There are no mineral holdings in the township.

FIELD ASSISTANTS.

<u>Name</u>	<u>Capacity</u>
<u>For Dupree R. Averill,</u>	
John Boggs	First Assistant
John Lange	Second Assistant
David Cummings	Axman and Second Assistant,
Irwin Jarrett	Moundsman
Rose Male	Flagman
Alfred Grey	Flagman
Wm. Sager	Moundsman.
 <u>For Roger F. Wilson,</u>	
Ralph Gibson	First Assistant.
John C. McCarter	Second Assistant.
Marcus Anderson	Axman
John Bixon	Moundsman.
Robert De Pue	First Assistant.
Theodore Resley	Second Assistant.
Ben Randall	Axman.

CERTIFICATE OF UNITED STATES SURVEYOR

We, Roger F. Wilson, U.S. Transitman and Dupree R. Averill, U.S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for California bearing date of the 13th day of November, 1926, we have well, faithfully, and truly in our own proper persons and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, resurveyed the North and East boundaries, resurveyed and surveyed the West and South boundaries, and resurveyed and surveyed a portion of the Subdivisions of T. 2 N., R. 11 W. of the San Bernardino Meridian, in the State of California, which are represented in the foregoing field notes and index diagram page 1 as having been executed by us, and under our direction; and that all the corners of said survey and resurvey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for California and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Roger F. Wilson

U.S. Transitman,
San Francisco, California.
October 11, 1927.

Dupree R. Averill

U.S. Surveyor.
Florence, Arizona.
Nov. 22, 1927.

APPROVAL.

Office of U.S. Supervisor of Surveys,
Denver, Colorado, Nov. 28, 1927.

The foregoing field notes of the resurvey of the North and East Boundaries, resurvey and survey of the West and South Boundaries and resurvey and survey of a portion of the Subdivisions of T. 2 N., R. 11 W. of the San Bernardino Meridian, in the State of California, executed by Dupree R. Averill, U.S. Surveyor and Roger F. Wilson, U.S. Transitman, under his special instructions dated Nov. 13, 1926, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys and resurveys they describe, are hereby approved.

Frank M. Johnson,

U.S. Supervisor of Surveys.